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File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)
         (c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200401
         (c) 2004   Thomson Derwent
File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Nov
         (c)2003 Info.Sources Inc
File  35:Dissertation Abs Online 1861-2003/Nov
         (c) 2003 ProQuest Info&Learning
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File  65:Inside Conferences 1993-2004/Dec W4
         (c) 2004 BLDSC all rts. reserv.
File   2:INSPEC 1969-2003/Dec W2
         (c) 2003 Institution of Electrical Engineers
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
         (c) 2003 EBSCO Pub.
File 474:New York Times Abs 1969-2003/Dec 31
         (c) 2003 The New York Times
File 475:Wall Street Journal Abs 1973-2003/Dec 31
         (c) 2003 The New York Times
File  99:Wilson Appl. Sci & Tech Abs 1983-2003/Nov
         (c) 2003 The HW Wilson Co.
File  95:TEME-Technology & Management 1989-2003/Dec W2
         (c) 2003 FIZ TECHNIK
File  15:ABI/Inform(R) 1971-2004/Jan 01
         (c) 2004 ProQuest Info&Learning
File   9:Business & Industry(R) Jul/1994-2003/Dec 29
         (c) 2003 Resp. DB Svcs.
File 610:Business Wire 1999-2004/Jan 02
         (c) 2004 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 275:Gale Group Computer DB(TM) 1983-2003/Dec 31
         (c) 2003 The Gale Group
File 476:Financial Times Fulltext 1982-2004/Jan 02
         (c) 2004 Financial Times Ltd
File 624:McGraw-Hill Publications 1985-2004/Jan 01
         (c) 2004 McGraw-Hill Co. Inc
File 636:Gale Group Newsletter DB(TM) 1987-2003/Dec 31
         (c) 2003 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Dec 26
         (c) 2003 The Gale Group
File 613:PR Newswire 1999-2004/Jan 02
         (c) 2004 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File  16:Gale Group PROMT(R) 1990-2003/Dec 31
         (c) 2003 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 634:San Jose Mercury  Jun 1985-2003/Dec 31
         (c) 2004 San Jose Mercury News
File 148:Gale Group Trade & Industry DB 1976-2003/Dec 26
         (c)2003 The Gale Group
File  20:Dialog Global Reporter 1997-2004/Jan 02
         (c) 2004 The Dialog Corp.


Set     Items    Description
S1          1    AU='MARRY R/D'
S2         31    AU='GOTTLIEB R' OR AU='GOTTLIEB R K'
S3         35    AU='GOTTLIEB, R' OR AU='GOTTLIEB, R.' OR AU='GOTTLIEB, R.K-
                 .' OR AU='GOTTLIEB, RK' OR AU='GOTTLIEB, ROBERT'
S4         43    AU='DANIELS E' OR AU='DANIELS E P'
S5         16    AU='DANIELS, E' OR AU='DANIELS, E.'
S6        119    S1 OR S2 OR S3 OR S4 OR S5
S7         30    S6 AND (MAIL OR MAILPIECE? ? OR SORTING)
```

                              EKD   January 2, 2004

2/11/04
Derwent

015682080   **Image available**
WPI Acc No: 2003-744269/200370
Related WPI Acc No: 2003-607024; 2003-720339; 2003-720353
XRPX Acc No: N03-596053
    Mail **piece** sorting **system, has control system determining whether
Mail piece is containing suspected harmful material or trusted** Mail
piece and scanner reading Mail **piece is positioned downstream from
transporter**
Patent Assignee: CULLEN M (CULL-I); GOTTLIEB R K (GOTT-I); MALLOZZI J D
   (MALL-I); VITALE A A (VITA-I); WILLIAM R E (WILL-I)
Inventor: CULLEN M; **GOTTLIEB R K** ; MALLOZZI J D; VITALE A A; WILLIAM R E
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030125835	A1	20030703	US 200135541	A	20011231	200370	B

Priority Applications (No Type Date): US 200135541 A 20011231
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
US 20030125835	A1 23	G06F-007/00	

Abstract (Basic): US 20030125835 A1
       NOVELTY - The system has a feeder (10) for feeding a **Mail** piece
   along a feed path of the system and a singulator (12). A scanner (14)
   reading the **Mail** piece is positioned downstream from a transporter
   (16). A control system (100) controls the system for **sorting Mail**
   pieces and determining whether the **Mail** piece is suspected of
   containing harmful material or is a trusted **Mail** piece.
       DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a
   method of **sorting** and determining suspected **Mail** piece in a **mail**
   processing system.
       USE - Used for predicting the presence of life harming materials in
   Mail pieces.
       ADVANTAGE - The system provides automated **mail sorting** which
   integrates prediction of suspect status of the **Mail** piece, thereby
   helping to deter delays in incoming **mail** delivery and protects the
   intended recipients from harm.
       DESCRIPTION OF DRAWING(S) - The drawing shows a system for
   sanitizing and **sorting mail** .
       Feeder (10)
       Singulator (12)
       Scanner (14)
       Transporter (16)
       Control system. (100)
       pp; 23 DwgNo 5a/9
Title Terms: **MAIL** ; PIECE; SORT; SYSTEM; CONTROL; SYSTEM; DETERMINE; **MAIL**
 ; PIECE; CONTAIN; SUSPECT; HARM; MATERIAL; **MAIL** ; PIECE; SCAN; READ;
 MAIL ; PIECE; POSITION; DOWNSTREAM; TRANSPORT
Derwent Class: T05
International Patent Class (Main): G06F-007/00
File Segment: EPI

015658168   **Image available**
WPI Acc No: 2003-720353/200368
Related WPI Acc No: 2003-607024; 2003-720339
XRAM Acc No: C03-198181
XRPX Acc No: N03-575843
    Mail **pieces sanitizing system comprises sanitizer module downstream of**

singulator for sanitizing mail piece
Patent Assignee: GOTTLIEB R K (GOTT-I); MALLOZZI J D (MALL-I); RYAN W E
  (RYAN-I); PITNEY BOWES INC (PITB)
Inventor: **GOTTLIEB R K** ; MALLOZZI J D; RYAN W E; CULLEN M; VITALE A A
Number of Countries: 097 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030124039	A1	20030703	US 200136991	A	20011231	200368	B
WO 200360849	A1	20030724	WO 2002US41202	A	20021220	200368	

Priority Applications (No Type Date): US 200136991 A 20011231; US 200135541
  A 20011231; US 200135546 A 20011231; US 200136982 A 20011231
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030124039	A1		23	A61L-002/00	
WO 200360849	A1	E		G08B-021/00	

    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
    CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
    IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
    PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
    GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM
    ZW

Abstract (Basic): US 20030124039 A1
    NOVELTY - A **mail** sanitizing system comprises a singulator for
  singulating and feeding a **mail** piece along a feed path of the system;
  a sanitizer module downstream of the singulator for sanitizing the
  mail piece; and an output bin module for receiving the sanitized **mail**
   piece.
    USE - Used for sanitizing **mail** pieces.
    ADVANTAGE - The system provides for sanitation of **mail** pieces to
  help deter delays in incoming **mail** delivery caused by the life
  harming material and sanitize the **mail** to protect the intended
  recipients from harm.
    DESCRIPTION OF DRAWING(S) - The figure illustrates the sanitizing
  and **sorting** **mail** system.
    pp; 23 DwgNo 5a/9
Title Terms: **MAIL** ; PIECE; SANITISING; SYSTEM; COMPRISE; SANITISING;
  MODULE; DOWNSTREAM; SINGLE; SANITISING; **MAIL** ; PIECE
Derwent Class: K02; P34; P35; T05
International Patent Class (Main): A61L-002/00; G08B-021/00
International Patent Class (Additional): A61L-009/00; A62B-007/08;
  B01J-019/08
File Segment: CPI; EPI; EngPI

  7/5/3   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015658154   **Image available**
WPI Acc No: 2003-720339/200368
Related WPI Acc No: 2003-607024; 2003-720353
XRAM Acc No: C03-241196
XRPX Acc No: N03-682507
  Mail piece sorting **and sanitizing system comprises component for
  singulating and feeding** mail **piece along feed path of system, sanitizer
  module for sanitizing** mail **piece, system to read** mail **piece, and bin
  module**
Patent Assignee: GOTTLIEB R K (GOTT-I); MALLOZZI J D (MALL-I); RYAN W E
  (RYAN-I)
Inventor: **GOTTLIEB R K** ; MALLOZZI J D; RYAN W E
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week

Priority Applications (No Type Date): US 200135546 A 20011231
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 20030122086 A1. 23 B01J-019/08

Abstract (Basic): US 20030122086 A1
      NOVELTY - A **mail** piece **sorting** and sanitizing system has a
component for singulating and feeding a **mail** piece along a feed path
of the system, a sanitizer module downstream of the singulating and
feeding component for sanitizing the **mail** piece, a system to read the
mail piece and determine a destination bin, and a bin module.
      DETAILED DESCRIPTION - The **mail** piece **sorting** and sanitizing
system has a component for singulating and feeding a **mail** piece along
a feed path of the system, a sanitizer module downstream of the
singulating and feeding component for sanitizing the **mail** piece, a
system to read the **mail** piece and determine a destination bin, and a
bin module comprising at least two destination bins to receive a **mail**
piece after a destination bin has been determined by the reading
system.
      USE - The system is used for **sorting** and sanitizing **mail**
pieces, particularly for sanitizing harmful materials in a **mail**
piece.
      ADVANTAGE - The system integrates sanitization with **Mail** piece
processing to help deter delays in incoming **mail** delivery caused by
the presence of life harming material and sanitize the **mail** to
protect the intended recipients from harm.
      DESCRIPTION OF DRAWING(S) - The figure illustrates the system for
sanitizing and **sorting** **mail** .
      pp; 23 DwgNo 5a/9
Title Terms: **MAIL** ; PIECE; SORT; SANITISING; SYSTEM; COMPRISE; COMPONENT;
   SINGLE; FEED; **MAIL** ; PIECE; FEED; PATH; SYSTEM; SANITISING; MODULE;
   SANITISING; **MAIL** ; PIECE; SYSTEM; READ; **MAIL** ; PIECE; BIN; MODULE
Derwent Class: D22; K02; T04; T05
International Patent Class (Main): B01J-019/08
File Segment: CPI; EPI

 7/5/4   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015597736   **Image available**
WPI Acc No: 2003-659891/200362
XRPX Acc No: N03-526181
   Sorting **system retrieves corrected address information for addressee of
   return to sender** mail **, from database before receiving request for
   updated addressee information, after confirming that received** mail **is
   RTS** mail
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: **DANIELS E P**
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20030114955 A1   20030619 US 200122975   A   20011217 200362 B

Priority Applications (No Type Date): US 200122975 A 20011217
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 20030114955 A1   21 G06F-007/00

Abstract (Basic): US 20030114955 A1
      NOVELTY - A **mail** **sorting** apparatus (8) sorts incoming mails and
   determines whether the **mail** is a return to sender (RTS) **mail** , by
   reading the **mail** . The corrected address information for addressee of

the RTS **mail** , is retrieved from corrected address information
database, before receiving request for updated addressee information
from another database.
    DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:
    (1) **mail** **sorting** apparatus; and
    (2) method of processing incoming **mail** and address changes.
    USE - For automated **mail** **sorting** in human and financial
resources, postal service, and for companies handling very large
numbers of incoming mails.
    ADVANTAGE - Reduces returned **mail** volume, returned **mail**
expenses, and cost associated with paper, envelopes, printing, postage
and labor, and maximizes **mail** deliverability, and efficiency and
productivity in mailing operations. Also reduces the amount of
potential return to sender mails that are created in future, by
providing corrected address information for future mailings.
    DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
the **sorting** apparatus.
    mail **sorting** apparatus (8)
    pp; 21 DwgNo 2A/7
Title Terms: SORT; SYSTEM; RETRIEVAL; CORRECT; ADDRESS; INFORMATION;
  ADDRESS; RETURN; SEND; **MAIL** ; DATABASE; RECEIVE; REQUEST; UPDATE;
  ADDRESS; INFORMATION; AFTER; CONFIRM; RECEIVE; **MAIL** ; **MAIL**
Derwent Class: T01; T04; T05
International Patent Class (Main): G06F-007/00
File Segment: EPI

7/5/5   **(Item 5 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

WPI Acc No: 2003-659327/200362
XRPX Acc No: N03-525620
  Interoffice mails addressing and sorting **method involves delivering**
  mail **containing employee name and delivery code information obtained**
  from internet distribution list stored in database to designated bin
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: **DANIELS E P** ; GIORDANO J; **GOTTLIEB R K** ; MALLOZZI J D
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20030111392 A1 20030619 US 200126580   A   20011219 200362 B

Priority Applications (No Type Date): US 200126580 A 20011219
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 20030111392 A1   11 B07C-005/02

Abstract (Basic): US 20030111392 A1
    NOVELTY - The interoffice mails are placed on the incoming **mail**
sorting apparatus. The internet distribution list stored in database
is used for obtaining employee name and delivery code information and
destination bin information. The employee name and delivery code
information are printed on **mail** piece and delivered to the
destination bin.
    USE - For addressing and **sorting** interoffice employee mails using
incoming **mail** **sorting** apparatus.
    ADVANTAGE - Provides less cost and simplified way to prepare
internal mailings. Creating of internal mailings without applying
labels and improves distribution speed, by using automated **sorting** .
Creates accurate internal mailings based on employee name and delivery
code stored in database.
    DESCRIPTION OF DRAWING(S) - The figure shows a flowchart of
interoffice **mail** addressing and **sorting** method.

pp; 11 DwgNo 5/6
Title Terms: **MAIL** ; ADDRESS; SORT; METHOD; DELIVER; **MAIL** ; CONTAIN;
   EMPLOY; NAME; DELIVER; CODE; INFORMATION; OBTAIN; DISTRIBUTE; LIST;
   STORAGE; DATABASE; DESIGNATED; BIN
Derwent Class: P43; T01; T04; T05
International Patent Class (Main): B07C-005/02
File Segment: EPI; EngPI

 7/5/6   (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015597005   **Image available**
WPI Acc No: 2003-659160/200362
XRPX Acc No: N03-525456
   Automatic mail   sorting **system has video coding station which updates**
   electronic data file used to generate outgoing mails, according to
   verification of address information in video image of incoming mails
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: **DANIELS E P** ; **GOTTLIEB R K**
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   ‚Week
US 20030109954 A1   20030612 US 20018903   A   20011207 200362 B

Priority Applications (No Type Date): US 20018903 A 20011207
Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
US 20030109954 A1   19 G06F-007/00

Abstract (Basic): US 20030109954 A1
      NOVELTY - A **mail   sorting** apparatus (8) sorts the incoming mails
   and captures the video image of the mails. A video coding station (60)
   determines whether the address input by an operator corresponds to the
   video image transmitted to video coding station. A return to sender
   application (61) in video coding station, verifies the address
   information and updates an electronic data file used to generate the
   outgoing mails.
      DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
   method for **sorting** incoming mails and preparing outgoing mails.
      USE - Automatic **mail   sorting** system.
      ADVANTAGE - Reduces communication cost and improves delivery
   reliability and security, by updating the electronic data file used to
   generate outgoing units according to verification of address
   information in incoming mails.
      DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
   the automatic **mail   sorting** system.
       mail   sorting apparatus (8)
      video coding station (60)
      return to sender application (61)
      pp; 19 DwgNo 5/6
Title Terms: AUTOMATIC; **MAIL** ; SORT; SYSTEM; VIDEO; CODE; STATION; UPDATE;
   ELECTRONIC; DATA; FILE; GENERATE; OUTGOING; **MAIL** ; ACCORD; VERIFICATION;
   ADDRESS; INFORMATION; VIDEO; IMAGE; INCOMING; **MAIL**
Derwent Class: T01; T04; T05
International Patent Class (Main): G06F-007/00
File Segment: EPI

 7/5/7   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015596170   **Image available**
WPI Acc No: 2003-658325/200362

XRPX Acc No: N03-524650
   Return to sender mail sorting **method in postal** mail **communication,**
   involves judging addressee detection possibility to decide bin delivery
   and comparing address segment using voice recognition system to detect
   delivery bin
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: **DANIELS E P** ; GIORDANO J; **GOTTLIEB R K** ; MALLOZZI J D; RYAN W E
   ; STEINMETZ J H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030098265	A1	20030529	US 2001996536	A	20011128	200362	B

Priority Applications (No Type Date): US 2001996536 A 20011128
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030098265	A1		14	G06K-009/18	

Abstract (Basic): US 20030098265 A1
      NOVELTY - An addressee information is read from a **mail** and the
   mail is delivered to a return to sender bin, when an addressee
   detection is not possible. An identifiable sender address segment is
   input into a voice recognition system for comparing with addressee
   database, to determine an appropriate bin for delivery. The **mail** is
   delivered to the identified bin.
      DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
   sorting method of return to sender **mail** .
      USE - For **sorting** return to sender (RTS) mails in postal **mail**
   communication.
      ADVANTAGE - Provides better through-put by using minimal additional
   hardware and software thereby total **sorting** cost is reduced and quick
   processing is achieved.
      DESCRIPTION OF DRAWING(S) - The figure shows the flowchart
   indicating the method of processing unreadable mails.
      pp; 14 DwgNo 5A/5
Title Terms: RETURN; SEND; **MAIL** ; SORT; METHOD; POSTAL; **MAIL** ;
   COMMUNICATE; JUDGEMENT; ADDRESS; DETECT; POSSIBILITY; DECIDE; BIN;
   DELIVER; COMPARE; ADDRESS; SEGMENT; VOICE; RECOGNISE; SYSTEM; DETECT;
   DELIVER; BIN
Derwent Class: P43; T01; T04; T05; W04
International Patent Class (Main): G06K-009/18
International Patent Class (Additional): B07C-003/12; B07C-005/342
File Segment: EPI; EngPI

 7/5/8   (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015544868   **Image available**
WPI Acc No: 2003-607024/200357
Related WPI Acc No: 2003-720339; 2003-720353
XRAM Acc No: C03-165296
XRPX Acc No: N03-484010
   Mail **piece** sorting **system for** sorting mail **pieces and detecting**
   presence of harmful materials, e.g. explosives or biohazards, includes
   feeder component, detection module, diverter, reading system, and bin
   module
Patent Assignee: GOTTLIEB R K (GOTT-I); MALLOZZI J D (MALL-I); RYAN W E
   (RYAN-I)
Inventor: **GOTTLIEB R K** ; MALLOZZI J D; RYAN W E
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030121839	A1	20030703	US 200136982	A	20011231	200357	B '

EKD   January 2, 2004

Abstract (Basic): US 20030121839 A1
        NOVELTY - A **mail** piece **sorting** system includes a feeder
    component for singulating and feeding a **mail** piece on a feed path of
    the system; a detection module for detecting the presence of harmful
    material in the **mail** piece; a diverter for diverting the **mail** piece
    into a collection module if harmful material is detected; a reading
    system for reading the **mail** piece; and a bin module comprising at
    least two destination bins.
        DETAILED DESCRIPTION - A **mail** piece **sorting** system includes a
    feeder component for singulating and feeding a **mail** piece on a feed
    path of the system; a detection module downstream of the component for
    detecting the presence of harmful material in the **mail** piece; a
    diverter for diverting the **mail** piece into a collection module if
    harmful material is detected; a reading system for reading the **mail**
    piece and determining a destination bin if the detection module does
    not detect the presence of the harmful material; and a bin module
    comprising at least two destination bins for receiving a **mail** piece
    after a destination bin has been determined by the scanner.
        USE - Used for **sorting** **mail** pieces and detecting the presence
    of harmful materials, e.g. explosives and biohazards (claimed) in the
    mail piece.
        ADVANTAGE - The system provides for the protection of harmful
    material in **mail** pieces to help deter delays in incoming **mail**
    delivery caused by the presence of life harming material and sanitize
    the **mail** to protect the intended recipients from harm.
        DESCRIPTION OF DRAWING(S) - The figure is a labeled schematic view
    of the **mail** piece **sorting** system.
        pp; 23 DwgNo 8a/9
Title Terms: **MAIL** ; PIECE; SORT; SYSTEM; SORT; **MAIL** ; PIECE; DETECT;
   PRESENCE; HARM; MATERIAL; EXPLOSIVE; FEED; COMPONENT; DETECT; MODULE;
   DIVERT; READ; SYSTEM; BIN; MODULE
Derwent Class: K02; P43; S03; T01; T05; W07
International Patent Class (Main): B07C-005/00
File Segment: CPI; EPI; EngPI

 7/5/9   (Item 9 from file: 350)

    Mailpiece **addressee determining method, involves using post optical
    character recognition database to determine intended addressee of
    mailpiece if system fails to determine addressee** .

    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
    CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN

IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW

Abstract (Basic): US 20030085162 A1
NOVELTY - The method involves using a post optical character
recognition (OCR) database coupled to an incoming **mailpiece   sorting**
apparatus, to determine the intended addressee of the **mailpiece** , if
the OCR system is unable to determine the addressee. The **mailpiece** is
delivered to a designated sort bin when the intended recipient of the
mailpiece is determined.
DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a
mailpiece   sorting apparatus.
USE - Used for determining the intended **mailpiece** addressee.
ADVANTAGE - The method processes reject **mailpieces** with greater
throughput and lower labor costs. The method also provides a higher
throughput of the sorted **mailpieces** and allows for additional
automated processing.
DESCRIPTION OF DRAWING(S) - The drawing shows the connection of the
computer system to the **sorting** apparatus.
pp; 14 DwgNo 2A/6
Title Terms: ADDRESS; DETERMINE; METHOD; POST; OPTICAL; CHARACTER;
RECOGNISE; DATABASE; DETERMINE; INTENDED; ADDRESS; SYSTEM; FAIL;
DETERMINE; ADDRESS
Derwent Class: P43; T01; T04; T05
International Patent Class (Main): B07C-000/00; B07C-005/00
File Segment: EPI; EngPI

 7/5/10   (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015406817   **Image available**
WPI Acc No: 2003-468958/200344
XRPX Acc No: N03-373193
Sorting **return to sender** mail **in automated** mail sorting **system by
comparing state/ZIP Code information read from** a mail -piece to a
state/ZIP Code list, if no match is found the mail **is sent to a return
to sender bin**
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: **DANIELS E P** ; **GOTTLIEB R K** ; MALLOZZI J D; STEINMETZ J H
Number of Countries: 097 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200345588	A2	20030605	WO 2002US37517	A	20021122	200344	B
US 20030116482	A1	20030626	US 2001996092	A	20011128	200349	

Priority Applications (No Type Date): US 2001996092 A 20011128
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200345588	A2	E	26	B07C-000/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW
US 20030116482 A1   B07C-005/00

Abstract (Basic): WO 200345588 A2
NOVELTY - Involves a **mail   sorting** apparatus generating
state/ZIP Code list from an addressee database. **Mail** -pieces for which
the addressee cannot be determined are processed using ZIP Code and/or
State information read from the **mail** -piece. The state/ZIP Code

information read from the mail -piece is compared to the state/ZIP
Code list to determine if there is a match. If there is no match, the
mail -piece is sorted to a return to sender bin.
        USE - For an automated mail sorting system.
        ADVANTAGE - Enables quick and automated sorting of mail for
which no intended recipient can be identified.
        DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of
the apparatus used to implement the method.
        pp; 26 DwgNo 2a/6
Title Terms: SORT; RETURN; SEND; MAIL ; AUTOMATIC; MAIL ; SORT; SYSTEM;
   COMPARE; STATE; CODE; INFORMATION; READ; MAIL ; PIECE; STATE; CODE; LIST
   ; NO; MATCH; FOUND; MAIL ; SEND; RETURN; SEND; BIN.
Derwent Class: P43; T01; T04; T05
International Patent Class (Main): B07C-000/00; B07C-005/00
International Patent Class (Additional): G06K-009/00
File Segment: EPI; EngPI

 7/5/11   (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015358889   **Image available**
WPI Acc No: 2003-419827/200339
XRPX Acc No: N03-335206
   Mail   sorting method e.g. for business reply mail , involves placing
   unique identifier on returned mail , that contains information useful to
   allow mailer to sort its incoming mail
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: BODIE K W; DANIELS E P
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20030055791 A1   20030320 US 2001957288   A   20010920 200339 B

Priority Applications (No Type Date): US 2001957288 A 20010920
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 20030055791 A1   9 G06F-017/60

Abstract (Basic): US 20030055791 A1
        NOVELTY - A unique identifier is placed on each mail that is sent
    to a customer and returned to the mailer. The unique identifier
    contains information that is useful to allow the mailer to sort its
    incoming mail in accordance with mailer predetermined criteria.
        USE - For sorting mail e.g. business reply mail .
        ADVANTAGE - By using the information in the unique identifier, a
    mailer can schedule the sending of invoices to different people at
    different times of month to improve the mailer's cash flow.
        DESCRIPTION OF DRAWING(S) - The figure shows the front view of the
    mail .
        pp; 9 DwgNo 2/5
Title Terms: MAIL ; SORT; METHOD; BUSINESS; REPLY; MAIL ; PLACE; UNIQUE;
   IDENTIFY; RETURN; MAIL ; CONTAIN; INFORMATION; USEFUL; ALLOW; MAIL ;
   SORT; INCOMING; MAIL
Derwent Class: T05
International Patent Class (Main): G06F-017/60
File Segment: EPI

 7/5/12   (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014128158   **Image available**
WPI Acc No: 2001-612368/200171

XRPX Acc No: N01-457148
   Sorting **charges computing method for postal applications, involves
   storing piece count of each of sorted** mailpieces **to compute** sorting
   cost based on preset unit price of each mailpiece **and stored address
   information**
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: **DANIELS E P ; GOTTLIEB R K ; MARRY R D**
Number of Countries: 027 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 1113376	A2	20010704	EP 2000126441	A	20001206	200171	B
CA 2327042	A1	20010628	CA 2327042	A	20001122	200171	

Priority Applications (No Type Date): US 9/9/474909 A 19991228
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1113376	A2	E	8	G06F-017/60	

   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
   LI LT LU LV MC MK NL PT RO SE SI TR

CA 2327042	A1	E		G06F-017/60	

Abstract (Basic): EP 1113376 A2
       NOVELTY - The type of **mailpiece** is determined using collection
   information, from **mailpieces** sorted by **mail sorting** apparatus
   with addressee information stored in database. The piece count of each
   sorted **mailpiece** is stored, for calculating cost based on address
   information and predetermined unit price of each type of **mailpiece** .
       USE - For calculating the incoming and outgoing **mail sorting**
   charges, in postal services.
       ADVANTAGE - The type of mails such as letter, card, etc., are
   distinguished and **sorting** charges for each **mail** is calculated with
   high efficiency using the address information and cost of each type of
   mailpiece .
       DESCRIPTION OF DRAWING(S) - The figure shows the flowchart
   explaining the process of calculating **sorting** charges.
       pp; 8 DwgNo 3/3
Title Terms: SORT; CHARGE; COMPUTATION; METHOD; POSTAL; APPLY; STORAGE;
   PIECE; COUNT; SORT; COMPUTATION; SORT; COST; BASED; PRESET; UNIT; PRICE;
   STORAGE; ADDRESS; INFORMATION
Derwent Class: T01; T05
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G06F-019/00
File Segment: EPI

 7/5/13   (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013775378   **Image available**
WPI Acc No: 2001-259589/200127
XRPX Acc No: N01-185238
   Mailpiece sorting **method e.g. for letters, parcels and the like
   requires less stopping of the** sorting **process for bin emptying**
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: **GOTTLIEB R K** ; MALLOZZI J D; MANGIAMELLI C; MANGIAMELI C
Number of Countries: 027 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 1084770	A2	20010321	EP 2000119473	A	20000915	200127	B
CA 2319304	A1	20010315	CA 2319304	A	20000914	200128	
US 6283304	B1	20010904	US 99396835	A	19990915	200154	
CA 2319304	C	20031125	CA 2319304	A	20000914	200380	

Priority Applications (No Type Date): US 99396835 A 19990915
Patent Details:

Patent No Kind Lan Pg   Main IPC   Filing Notes
EP 1084770   A2 E   7 B07C-003/00
    Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
    LI LT LU LV MC MK NL PT RO SE SI
CA 2319304   A1 E   B07C-009/00
US 6283304   B1   B07C-005/12
CA 2319304   C E.   B07C-009/00

Abstract (Basic): EP 1084770 A2
    NOVELTY - Indicates when a bin is partially full to the level of a
    partially full sensor so that an operator can empty that bin.
    Additionally, a bin-full calculation is performed for determining if
    redirection of the **mailpieces** to an alternate bin is necessary should
    the operator not empty the bin as directed.
    DETAILED DESCRIPTION - If a bin is partially full to the level of
    the sensor; the process performs an addition of thicknesses of all of
    the **mailpieces** which are in the **mailpiece** delivery system, but not
    yet delivered to the bin to determine whether those **mailpieces** would
    fill the bin. If the bin would be full, it is determined whether an
    alternate bin is available and, if so; the **mailpieces** are routed to
    the alternate bin.
    USE - For automated **sorting** of letters and parcels.
    ADVANTAGE - Requires less stopping of the **sorting** process for bin
    emptying.
    DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram of the
    method.
    pp; 7 DwgNo 2/2
Title Terms: SORT; METHOD; LETTER; PARCEL; REQUIRE; LESS; STOP; SORT;
  PROCESS; BIN; EMPTY
Derwent Class: P43; T05
International Patent Class (Main): B07C-003/00; B07C-005/12; B07C-009/00
International Patent Class (Additional): B07C-005/04; G06F-007/00;
  G06F-017/60
File Segment: EPI; EngPI

 7/5/14   (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012508786   **Image available**
WPI Acc No: 1999-314891/199927
XRPX Acc No: N99-235346
  Electronic mass mail **system sorts mailings into electronic and physical**
  mail **, prints physical** mail **and applies inserts to electronic** mail
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: **DANIELS E P** ; KWANT J F; MITCHELL P H; RAHRIG J G; SCHUMACHER K
  H; WOODMAN C E
Number of Countries: 026 Number of Patents: 003
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
EP 917076   A2   19990519   EP 98121145   A   19981111 199927 B
CA 2253970   A1   19990512   CA 2253970 .   A   19981112 199944
CA 2253970   C   20030325   CA 2253970   A   19981112 200324

Priority Applications (No Type Date): US 97968651 A 19971112
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
EP 917076   A2 E 13 G06F-017/60
    Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
    LI LT LU LV MC MK NL PT RO SE SI
CA 2253970   A1 E   H04L-012/54
CA 2253970   C E   H04L-012/54

Abstract (Basic): EP 917076 A2
    NOVELTY - A sender mainframe (100) submits documents to a

print-stream processor (102) together with addressing and content information and the processor splits the print-stream into physical and delivery streams. The physical delivery stream is sent to a printer (104) and then to an inserter (106), while the electronic **mail** pieces are sent to an inserter (110). A web server (116) delivers the electronic **mail** with electronic inserts and the physical **mail** is delivered by post.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for a system and method for delivering a batch of **mail** .

USE - For electronic mailing batches of documents having selected electronic inserts.

ADVANTAGE - Handling inserts in manner appropriate to delivery mechanism.

DESCRIPTION OF DRAWING(S) - The drawing is a diagram of print-stream delivery architecture.

Sender mainframe (100)

Central processor unit (102)

Printer (104)

Inserters (106, 110)

Web server (116)

pp; 13 DwgNo 1/6

Title Terms: ELECTRONIC; MASS; **MAIL** ; SYSTEM; SORT; ELECTRONIC; PHYSICAL; **MAIL** ; PRINT; PHYSICAL; **MAIL** ; APPLY; INSERT; ELECTRONIC; **MAIL**

Derwent Class: T01; T04; W01; W02; W05

International Patent Class (Main): G06F-017/60; H04L-012/54

File Segment: EPI

 7/5/15   (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012508785   **Image available**
WPI Acc No: 1999-314890/199927
XRPX Acc No: N99-235345
Electronic and non-electronic mass mailing
Patent Assignee: PITNEY BOWES INC (PITB); DANIELS E P (DANI-I); KWANT J F (KWAN-I); MITCHELL P H (MITC-I); RAHRIG J G (RAHR-I); SCHUMACHER K (SCHU-I); WOODMAN C E (WOOD-I)
Inventor: **DANIELS E P** ; KWANT J F; MITCHELL P H; RAHRIG J G; SCHUMACHER K H; WOODMAN C E; SCHUMACHER K; KWANT J; MITCHELL P; RAHRIG J; WOODMAN C
Number of Countries: 027 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 917075	A2	19990519	EP 98121144	A	19981111	199927	B
CA 2253967	A1	19990512	CA 2253967	A	19981112	199944	
US 20010014164	A1	20010816	US 97968649	A	19971112	200149	
US 6343327	B2	20020129	US 97968649	A	19971112	200210	

Priority Applications (No Type Date): US 97968649 A 19971112
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 917075	A2	E	14	G06F-017/60	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

Patent No	Kind	Lan	Main IPC
CA 2253967	A1	E	G06F-003/12
US 20010014164	A1		G06K-009/00
US 6343327	B2		G06F-013/14

Abstract (Basic): EP 917075 A2

NOVELTY - A server's mainframe (100) submits documents to a print-stream processor (102) separating them into physical and electronic delivery print-streams according to delivery preferences. The physical print-stream is set to a printer (104) and electronic print-streams are sent to an electronic inserter (110) and are combined with physical and electronic inserts for physical and electronic

delivery; i.e. via the post or electronic- **mail** respectively.
     DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for an
electronic print-stream delivery system, for a system of mass mailing
and for a software product bearing sequences of computer executable
instructions.
     USE - For combining electronic and physical delivery of messages.
     ADVANTAGE - Handles inserts appropriate to delivery mechanism.
     DESCRIPTION OF DRAWING(S) - The drawing is a diagram of
print-stream delivery architecture.
     Server mainframe (100)
     Print-stream processor (102)
     Printer (104)
     Electronic inserter (110)
     pp; 14 DwgNo 1/6
Title Terms: ELECTRONIC; NON; ELECTRONIC; MASS; **MAIL**
Derwent Class: P74; P75; T01; T04; W01; W02; W05
International Patent Class (Main): G06F-003/12; G06F-013/14; G06F-017/60;
  G06K-009/00
International Patent Class (Additional): B41B-001/00; B41F-001/00;
  B41J-001/00; G06F-015/00; G06F-017/00; G06F-019/00; G06K-001/00
File Segment: EPI; EngPI

 7/5/16   **(Item 16 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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011575746   **Image available**
WPI Acc No: 1997-552227/199751
XRPX Acc No: N97-460156
  **Bar code on stuffed envelope printing - changing font of printer to print
  blank string if scanning process indicates that document contains data
  which is not valid based on selected configuration**
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: BODIE K W; CHURCHILL J; GAGLIARDI M A; **GOTTLIEB R K**
Number of Countries: 004 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 807473	A2	19971119	EP 97107450	A	19970506	199751	B
US 6002095	A	19991214	US 96646186	A	19960507	200005	

Priority Applications (No Type Date): US 96646186 A 19960507
Cited Patents: -SR.Pub
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 807473	A2	E	8	B07C-001/00	
Designated States (Regional): DE FR GB					
US 6002095	A			B07C-005/00	

Abstract (Basic): EP 807473 A
     The method involves conveying an address bearing document from an
input module (12) along a chassis (14) from an upstream location to a
downstream location. The document is scanned at the input module to
determine whether or not a bar code is to be printed on the stuffed
envelope. A barcode is printed with a printer (18) on the envelope if
the scanning process indicates that the document contains data which is
valid based on a selected configuration. The font ·of the printer is
changed to print a blank string if the scanning process indicates that
the document contains data which is not valid based on a selected
configuration.
     The blank string is printed in ASCII font and the selected
configuration requires 9 or 11 digit zip-code. Further it requires out-
sorting all envelopes printed with a blank string, while the barcode
is a Postnet barcode.
     USE/ADVANTAGE - For selectively printing Postnet bar code on
envelopes. Allows printing nothing on envelopes in those cases where

address does not contain proper zip code information so they can be out-sorted downstream of printer and remainder of printer output can be accumulated in bundle which qualify for postal discount.
        Dwg.1/3
Title Terms: BAR; CODE; STUFF; ENVELOPE; PRINT; CHANGE; FONT; PRINT; PRINT; BLANK; STRING; SCAN; PROCESS; INDICATE; DOCUMENT; CONTAIN; DATA; VALID; BASED; SELECT; CONFIGURATION
Derwent Class: P43; T04; T05
International Patent Class (Main): B07C-001/00; B07C-005/00
International Patent Class (Additional): G06F-017/00
File Segment: EPI; EngPI

 7/5/17   (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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007296114
WPI Acc No: 1987-293121/198742
XRPX Acc No: N87-219427
   Postage meter with postage costs accounting system - has processor responsive to program data to enable selected account records to be edited while providing data security
Patent Assignee: MAMONE J R (MAMO-I); PITNEY BOWES INC (PITB)
Inventor: CHENG C; **DANIELS E P** ; HUTCHESON N C; MALLOZZI J D; MAMONE J R
Number of Countries: 007 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 241598	A	19871021	EP 86118033	A	19861224	198742	B
US 4958291	A	19900918	US 85813457	A	19851226	199040	
CA 1279931	C	19910205				199111	
EP 241598	B	19910904				199136	
DE 3681280	G	19911010				199142	

Priority Applications (No Type Date): US 85813457 A 19851226
Cited Patents: A3...8826; DE 3416590; DE 3426524; EP 111317; No-SR.Pub; US 4319328; US 4323987
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 241598	A	E	44		

    Designated States (Regional): CH DE FR GB LI

| EP 241598 | B | | | | |

    Designated States (Regional): CH DE FR GB LI

Abstract (Basic): EP 241598 A
        The system includes a keyboard for operator entry of commands and information. A memory stores program data and account records. A unit interfaces with a postage meter, and a processor is connected to the keyboard, memory, interface unit and a printer. The processor is responsive to the program data for (a) responding the entry of an item of the postal information corresp. to a particular batch of **mail** . The processor transmits signals through the interface to set the postage meter, and responding to signals received through the interface specifying postage expended to update account records. The processor responds to the entry of an edit command to edit a selected account record by first setting a flag in the memory to indicate that the selected account is being edited. A second copy of the selected record is then created in a preselected portion of the memory, receiving editing information is the received through the keyboard and the selected record is updated. The flag is reset after editing is completed.
        ADVANTAGE - Protected against erroneous or fraudulent editing.
        1/14
Title Terms: POSTAGE; METER; POSTAGE; COST; ACCOUNT; SYSTEM; PROCESSOR; RESPOND; PROGRAM; DATA; ENABLE; SELECT; ACCOUNT; RECORD; EDIT; DATA; SECURE

7/5/18   (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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007218001
WPI Acc No: 1987-215009/198731
XRPX Acc No: N87-160769
  **Postage meter cost accounting system - has processor arranged to respond
  to account numbers and print account records in order**
Patent Assignee: MALLOZZI J D (MALL-I); PITNEY BOWES INC (PITB)
Inventor: BREAULT M S; **DANIELS E P** ; HUTCHESON N C; MALLOZZI J D
Number of Countries: 007 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 230658	A	19870805	EP 86118032	A	19861224	198731	B
US 4962459	A	19901009	US 85813458	A	19851226	199043	
CA 1280214	C	19910212				199112	
EP 230658	B	19910828				199135	
DE 3681150	G	19911002				199141	

Priority Applications (No Type Date): US 85813458 A 19851226
Cited Patents: A3...8750; DE 3031432; DE 3416590; No-SR.Pub; US 4301507; US
   4319328; US 4339807
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 230658	A	E	41		

   Designated States (Regional): CH DE FR GB LI

Patent No	Kind				
EP 230658	B				

   Designated States (Regional): CH DE FR GB LI

Abstract (Basic): EP 230658 A
     Postal information including account numbers are entered through a
  keyboard (16). A memory (14) stores program data, and account records
  each corresponding to a respective account number are stored in a
  non-volatile memory (14b). The CPU (12) responds to entry of an item of
  postal information corresponding to a particular batch of **mail** to
  pass signals through an interface (22) for setting the postage meter
  (30). The CPU responds to signals received through the interface and
  specifying postage expended for updating one of the account records
  corresponding to one of the account records specified by the item
  entered.
     In response to entry of a report command the CPU causes account
  records to be printed in account number order on the printer (18). The
  CPU scans all the account records determines the next account record,
  in account number sequence, which has not been printed, and prints the
  determined account record. This is repeated until all the account
  records have been printed.
     ADVANTAGE - Data security achieved even when power failure or
  transient occurs
Title Terms: POSTAGE; METER; COST; ACCOUNT; SYSTEM; PROCESSOR; ARRANGE;
  RESPOND; ACCOUNT; NUMBER; PRINT; ACCOUNT; RECORD; ORDER
Derwent Class: T05
International Patent Class (Additional): G06F-015/20; G07B-017/02
File Segment: EPI

7/5/19   (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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007056535

   Interface for mailing system peripheral devices e.g. weighing machine -
   has input data circuit for converting input words into parallel form for
   transfer to programmable interface controller
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: **DANIELS E P** ; DINAN D E; MALLOZZI J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 4642791	A	19870210	US 83532251	A	19830915	198708	B

Priority Applications (No Type Date): US 83532251 A 19830915
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4642791	A		9		

Abstract (Basic): US 4642791 A
      The interface comprises a data input serial to parallel converter
   which is connected to an DATA line and to its associated input clock
   line to receive and input word on the DATA line strobed in by a series
   of clock pulses on the input clock line. A data output parallel to
   serial converter is operatively connected to the RDATA line and to the
   associated output clock line to receive a parallel output data word and
   for strobing such word on the RDATA line in serial format by means of
   series of clock pulses on the associated output clock line.
      A programmable interface controller is connected to the input
   serial to parallel converter, to the output parallel to serial
   converter and to the weighing sell. The controller receives the input
   words in parallel form the input converter, sequences of such words
   defining messages, responds to one particular message by requesting
   weight information from the weighing cell, and receives the weight
   information for transfer to the output parallel to serial converter.
Title Terms: INTERFACE; **MAIL** ; SYSTEM; PERIPHERAL; DEVICE; WEIGH; MACHINE;
   INPUT; DATA; CIRCUIT; CONVERT; INPUT; WORD; PARALLEL; FORM; TRANSFER;
   PROGRAM; INTERFACE; CONTROL
Derwent Class: T01
International Patent Class (Additional): G06F-003/00
File Segment: EPI

 7/5/20   (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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004729013
   Mailing system peripheral interface with replaceable PROM - the PROM
   addresses memory and can be replaced when memory is upgraded
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: **DANIELS E P**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 4606003	A	19860812	US 82430220	A	19820930	198635	B

Priority Applications (No Type Date): US 82430220 A 19820930
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4606003	A		9		

Abstract (Basic): US 4606003 A
      The interface carries peripheral support hardware and software for
   communication with the peripherals. The interface includes a board
   having a memory where programs for formatting communications with the

peripherals are stored. A working memory for the temporary storage of commands and data for communication to the peripherals and a peripheral controller for establishing a communications link with a selected peripheral are also carried on the interface board.

A replaceable PROM is carried on the interface for accessing the output enable pins of the program and working memories. The prom is replaced in the field when a different program rworking memory is to be substituted.

ADVANTAGE - Facilitates field modification.
Title Terms: **MAIL** ; SYSTEM; PERIPHERAL; INTERFACE; REPLACE; PROM; PROM; ADDRESS; MEMORY; CAN; REPLACE; MEMORY; UPGRADING
Derwent Class: T01
International Patent Class (Additional): G06F-012/12
File Segment: EPI

 7/5/21   (Item 21 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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004715353
WPI Acc No: 1986-218695/198633
XRPX Acc No: N86-163221
 ·**Mailing system interface processor communications channel - transmits data and control signals between processors along lines connected to reference voltage levels**
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: **DANIELS E P**
Number of Countries: 001   Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 4603400	A	19860729	US 82430091	A	19820930	198633	B

Priority Applications (No Type Date): US 82430091 A 19820930
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4603400	A		12		

Abstract (Basic): US 4603400 A
The mailing system includes a postage value determining system processor which communicates along parallel channels and peripheral subsystem processors to communicate with a system processor along a serial data bus. An interface is provided between the system processor and the serial bus. The interface includes two communications processor. The first processor is programmed to communicate with the system processor and with the second communications processor. The second processor is programmed to communicate with the first and with peripheral subsystem processors through the serial bus.

Data and control signals are transmitted between the communications processors through an inter processor channel. The inter processor channel includes lines connected to reference voltage levels for providing appropriate signals levels for recognition by the communications processors which operate on different voltage signal levels.
Title Terms: **MAIL** ; SYSTEM; INTERFACE; PROCESSOR; COMMUNICATE; CHANNEL; TRANSMIT; DATA; CONTROL; SIGNAL; PROCESSOR; LINE; CONNECT; REFERENCE; VOLTAGE; LEVEL
Derwent Class: T01
International Patent Class (Additional): G06F-003/00
File Segment: EPI

 7/5/22   (Item 22 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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004615678
WPI Acc No: 1986-119022/198618
XRPX Acc No: N86-087710
   **Mailing system serial communications interface - includes two
   communications processors connected by inter-processor channel for data
   and control signals**
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: **DANIELS E P** ; DLUGOS D F; MANDUELY M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 4583195	A	19860415	US 82430219	A	19820930	198618	B

Priority Applications (No Type Date): US 82430219 A 19820930
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4583195	A		12		

Abstract (Basic): US 4583195 A
        The apparatus includes two communications processors. The first
     processor is programmed to communicate with the system processor and
     with the second communications processor. The second communications
     processor is programmed to communicate with the first processor and
     with peripheral subsystem processors through the serial bus. Data and
     control signals are transmitted between the communications processors
     through an inter processor channel.
        The inter processor channel includes lines connected to reference
     voltage levels for providing appropriate signal levels for recognition
     by the communications processors which operate on different voltage
     signal levels.
        USE/ADVANTAGE - Esp. for mailing system. Permits communication
     with otherwise incompatible peripheral devices.
Title Terms: **MAIL** ; SYSTEM; SERIAL; COMMUNICATE; INTERFACE; TWO;
  COMMUNICATE; PROCESSOR; CONNECT; INTER; PROCESSOR; CHANNEL; DATA; CONTROL
  ; SIGNAL
Index Terms/Additional Words: MAIL; SYSTEM
Derwent Class: T01; T05
International Patent Class (Additional): G06F-003/00
File Segment: EPI

 7/5/23   **(Item 23 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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004552027
WPI Acc No: 1986-055371/198608
XRPX Acc No: N86-040539
   **Meter selection for drop shipment mailing system - transmits core to
   peripheral controller interface and selector latch decoder that provides
   selection signals**
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: COPPOLA V G; **DANIELS E P** ; GRISGRABER E G; LORENZO J L; MANDULEY
  F M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 4569022	A	19860204	US 83472522	A	19830307	198608	B

Priority Applications (No Type Date): US 83472522 A 19830307
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4569022	A		26		

Abstract (Basic): US 4569022 A
        The system includes a scale having a weighing device, a keyboard

for entering postage value determining data and an electronic postage
meter selection code. A postage value determining processor and a
programmable read only memory contain postal rate and zip to zone
conversion data. A peripheral controller interface provides
communication capability between the scale processor and peripheral
mailing devices. The controller includes a series of electronic postage
meters each of which provides postage value denominations for **mail**
originating from different postal zone distribution points.
 A data steering interface, provides interconnection between the
communications lines received from the scale system processor and the
communication lines of the respective electronic postage meters. A
code, entered through the keyboard, is transmitted serially to the
peripheral controller interface and, in turn, to a selector latch
decoder which provides selection signals to the data steering interface
for directing the interface to establish communication links between
the scale processor through the peripheral interface controller and a
desired electronic postage meter.
 USE - Large volume parcel **mail** system.
Title Terms: METER; SELECT; DROP; SHIPPING; **MAIL** ; SYSTEM; TRANSMIT; CORE;
  PERIPHERAL; CONTROL; INTERFACE; SELECT; LATCH; DECODE; SELECT; SIGNAL
Derwent Class: S02
International Patent Class (Additional): G01G-019/40
File Segment: EPI

 7/5/24   (Item 24 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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004073626
WPI Acc No: 1984-219167/198435
XRPX Acc No: N84-164084
 **Mailing system peripheral interface - uses PROM to store communications
 formatting programs for designated peripheral devices for uses by system
 processor**
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: **DANIELS E P** ; DLUGOS D F; MANDULEY F
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 4466079	A	19840814	US 81235252	A	19810217	198435	B

Priority Applications (No Type Date): US 81235252 A 19810217
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4466079	A		19		

Abstract (Basic): US 4466079 A
 The interface between a system processor of an automated mailing
system and selected peripheral devices carries peripheral support
hardware and software for communication with the peripherals. The
interface includes a board having a memory in which programs for
formatting communications with the peripherals are stored. A working
memory for the temporary storage of commands and data for communication
to the peripherals and a peripheral controller for establishing a
communications link with a selected peripheral are also carried on the
interface board. The controller receives command signals from the
system processor and in response to such command signals establishes
communications links with a selected peripheral and enters subroutines
for the exchange of data between the system processor and the selected
peripheral
 ADVANTAGE - The inclusion of additional peripheral devices or the
substitution of alternate peripheral devices which would require
revision of communications formatting programs does not require
reprogramming of the system processor and is accommodated by revising
the program stored in the interface program memory.

0/13
Title Terms: **MAIL** ; SYSTEM; PERIPHERAL; INTERFACE; PROM; STORAGE;
  COMMUNICATE; FORMAT; PROGRAM; DESIGNATED; PERIPHERAL; DEVICE; SYSTEM;
  PROCESSOR
Derwent Class: T01; T05
International Patent Class (Additional): G06F-015/20
File Segment: EPI

 7/5/25   (Item 25 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

004057236
WPI Acc No: 1984-202777/198433
XRPX Acc No: N84-151556
  Voice responsive automated parcel mailing system - has system processor
  for operator to enter data relating to postage value calculations via
  voice recognition unit or keyboard
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: **DANIELS E P** ; DLUGOS D F
Number of Countries: 008 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 115876	A	19840815	EP 84101334	A	19840209	198433	B
US 4556944	A	19851203				198551	
CA 1223362	A	19870623				198729	
EP 115876	B	19900926				199039	
DE 3483274	G	19901031				199045	
EP 115876	B2	19950329	EP 84101334	A	19840209	199517	

Priority Applications (No Type Date): US 83465132 A 19830209
Cited Patents: 1.Jnl.Ref; A3...8735; GB 2070822; GB 2084772; JP 57127225;
  No-SR.Pub; US 4286325; US 4292470; US 4349700; EP 38163; EP 60086; US
  4063031; US 4069393; US 4410961; US 4418412; US 4459674; US 4462080; US
  4556944
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 115876	A	E	16		

  Designated States (Regional): CH DE FR GB LI NL

EP 115876	B				

  Designated States (Regional): CH DE FR GB LI NL

EP 115876	B2	E	9	G07B-017/02	

  Designated States (Regional): CH DE FR GB LI NL

Abstract (Basic): EP 115876 A
     The system has a postage value determining scale (12) which
  includes a processor (16), a scale weighing device (14) and a memory
  (15) for storing postage rate information. A keyboard (18) and a voice
  recognition subsystem (38) introduce information to the system which is
  displayed.
     The processor is arranged to receive a parcel weight data and the
  information. In response to the data, the processor retrieves the rate
  from the memory and generates a postage valve for the parcel. The voice
  recognition subsystem includes a voice recognition unit and a
  microphone.
     ADVANTAGE - Improved throughput is obtained with reduced operator
  errors and increased efficiency.
     1/3
Title Terms: VOICE; RESPOND; AUTOMATIC; PARCEL; **MAIL** ; SYSTEM; SYSTEM;
  PROCESSOR; OPERATE; ENTER; DATA; RELATED; POSTAGE; VALUE; CALCULATE;
  VOICE; RECOGNISE; UNIT; KEYBOARD
Derwent Class: P86; T05
International Patent Class (Additional): G06F-003/16; G06F-015/20;
  G07B-017/02; G10L-001/00
File Segment: EPI; EngPI

EKD   January 2, 2004

7/5/26 . (Item 26 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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003970205
WPI Acc No: 1984-115749/198419
XRPX Acc No: N84-085563
  Determining appts. for postage for mail **items - has processor to**
  generate postage value adjusted in accordance with special fees
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: **DANIELS E P**
Number of Countries: 005   Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 107187	A	19840502	EP 83110532	A	19831021	198419	B
US 4595984	A	19860617	US 82436123	A	19821022	198627	
CA 1223963	A	19870707				198731	
EP 107187	B	19900418				199016	
DE 3381479	G	19900523				199022	

Priority Applications (No Type Date): US 82436123 A 19821022
Cited Patents: A3...8708; No-SR.Pub; US 4271470; US 4286325; US 4325440; US
  4326254
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 107187	A	E	60		

  Designated States (Regional): DE FR GB
EP 107187   B
  Designated States (Regional): DE FR GB

Abstract (Basic): EP 107187 A
      The apparatus includes a processor having a memory for storing
  first tables of data defining base postable rates and second tables
  defining special fee rates including currency value oriented special
  fees. The second tables include two section tables comprising a lower
  section defining special fee rates for entered values up to a
  predetermined amount and an upper section. The processor responds to
  the determined weight of **mail** , and applicable entered data to select
  a base postage table and to select a special fee value which is used to
  adjust the base postage value.
      The processor also selects, when appropriate, currency value
  oriented special fee values from the appropriate two section tables.
  This depends on whether the entered currency value is less than or
  greater than the predetermined amount. The special fee may be for
  registered **mail** , special delivery, return receipt, insurance, COD
  etc.
Title Terms: DETERMINE; APPARATUS; POSTAGE; **MAIL** ; ITEM; PROCESSOR;
  GENERATE; POSTAGE; VALUE; ADJUST; ACCORD; SPECIAL; FEE
Derwent Class: S02; T05
International Patent Class (Additional): G01G-019/00; G06F-015/20;
  G07B-017/02
File Segment: EPI

7/5/27   (Item 27 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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003811626
WPI Acc No: 1983-807870/198344
XRPX Acc No: N83-197406
  Mailing system interface interconnecting communication systems -
  communicates between peripherals along serial data bus and controller
  interface programmed to communicate with different processor

Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: **DANIELS E P** ; DLUGOS D F; HOLTZ E B; MANDULEY F M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 4410962	A	19831018				198344	B

Priority Applications (No Type Date): US 81235281 A 19810217
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4410962	A		13		

Abstract (Basic): US 4410962 A
        The automated mailing system includes a postage value determining
    system processor, a scale for providing weight indicative signals, a
    keyboard for operator entry of information relating to a determination
    of postage, and several peripheral devices. A peripheral controller
    interface establishes communications links with the peripheral devices.
    An incompatible systems interface interconnects a serial communications
    bus of the system processor and the peripheral controller interface.
    The incompatible systems interface includes a processor programmed to
    receive, decode and transmit information from or to the system
    processor along the serial bus and load or receive information from or
    to the peripheral controller interface along parallel lines.
        The communication timing constraints of the serial communications
    bys for receipt of data signals by the system processor do not permit
    monitoring of the data transmission by the incompatible system
    processor. To accommodate for such timing constraints, system clock
    pulses of the serial bus are employed at a flip-flop to disable to
    incompatible system processor.
        0/6
Title Terms: **MAIL** ; SYSTEM; INTERFACE; INTERCONNECT; COMMUNICATE; SYSTEM;
    COMMUNICATE; PERIPHERAL; SERIAL; DATA; BUS; CONTROL; INTERFACE; PROGRAM;
    COMMUNICATE; PROCESSOR
Derwent Class: S02; T01; T05
International Patent Class (Additional): G01G-023/42; G06F-015/20
File Segment: EPI

 7/5/28   (Item 28 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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003788312
WPI Acc No: 1983-784541/198341
XRPX Acc No: N83-179425
    **Postage value determining system - has keyboard allowing operator to
    enter information memories and weighing device**
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: **DANIELS E P**
Number of Countries: 006 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 90630	A	19831005	EP 83301728	A	19830328	198341	B
EP 90630	B	19880817				198833	
DE 3377737	G	19880922				198839	
US 4814995	A	19890321	US 82363179	A	19820329	198914	

Priority Applications (No Type Date): US 82363179 A 19820329
Cited Patents: A3...8532; No-SR.Pub; US 3635297; US 4139892; US 4180856
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 90630	A	E	27		

    Designated States (Regional): CH DE GB LI SE

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 90630	B	E			

    Designated States (Regional): CH DE GB LI SE

                              EKD   January 2, 2004

Abstract (Basic): EP 90630 A
        The scale includes a system processor (16), a weigh device (14)
    that generates wt.-indicative signals, a display and a keyboard (18)
    for operator entry of information relating to the determination of
    postage and one or more memories which store postage data.
        The keyboard includes non-illuminated multi-function keys, specific
    keys being assigned for the entry of special services such as
    registered **mail** , c.o.d., express delivery and the like. Upon
    detection of a keyboard entry assigned for such purposes, the processor
    (16) recalls and sequentially displays indicia of special services
    previously selected by the operator and, optionally, the fee of each
    selected service. The processor then re-enters the previously displayed
    indicia in the display (20).
        2/5
Title Terms: POSTAGE; VALUE; DETERMINE; SYSTEM; KEYBOARD; ALLOW; OPERATE;
    ENTER; INFORMATION; MEMORY; WEIGH; DEVICE
Derwent Class: S02
International Patent Class (Additional): G01G-019/00; G06F-015/20;
    G07B-017/02
File Segment: EPI

 7/5/29   (Item 29 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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003738687
WPI Acc No: 1983-734884/198332
XRPX Acc No: N83-141518
    **Processor implemented communications interface - has external clock
    actuated disabling control for automated mailing system**
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: **DANIELS E P**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 4395756	A	19830726				198332	B

Priority Applications (No Type Date): US 81235242 A 19810217
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4395756	A		13		

Abstract (Basic): US 4395756 A
        The automated mailing system includes a postage value determining
    system processor, a scale for providing weight indicative signals, a
    keyboard for operator entry of information relating to a determination
    of postage, and a number of peripheral devices. A peripheral controller
    interface establishes communications links with the peripheral devices.

        An incompatible systems interface interconnects a serial
    communications bus of the system processor and the peripheral
    controller interface. The incompatible systems interface includes a
    processor programmed to receive, decode and transmit information from
    or to the system processor along the serial bus and load or receive
    information from or to the peripheral controller interface along
    parallel lines.
        0/7
Title Terms: PROCESSOR; IMPLEMENT; COMMUNICATE; INTERFACE; EXTERNAL; CLOCK;
    ACTUATE; DISABLE; CONTROL; AUTOMATIC; **MAIL** ; SYSTEM
Derwent Class: T01; T05
International Patent Class (Additional): G06F-003/04; G06F-015/16
File Segment: EPI

7/5/30   (Item 30 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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003710839
WPI Acc No: 1983-707021/198328
XRPX Acc No: N83-119915
  Keyboard actuated electronic mailing system - provides extra memory
  locations in directory ROM to store function identifying codes so that
  variable keyboard format suits user
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: **DANIELS E P**
Number of Countries: 006 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 83252	A	19830706				198328	B
US 4481587	A	19841106	US 81334116	A	19811224	198447	
CA 1196723	A	19851112				198550	

Priority Applications (No Type Date): US 81334116 A 19811224
Cited Patents: 2.Jnl.Ref; US 4135662; US 4145742; US 4271481
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 83252	A	E	49		

   Designated States (Regional): DE FR GB NL

Abstract (Basic): EP 83252 A
      The keyboard (118) allows access to a given subset of the functions
   which the system can perform. Each keyswitch on the board outputs a
   separate identifying code when it is actuated. A peripheral controller
   interface (124) responds to the codes output by the keyboard to
   establish the system functions to be controlled by each separate
   keyswitch. A program PROM (124a) is loaded with the software for
   formatting the communications between the system processor (116) and
   the various peripheral devices such as postage meters (126,128).
      The fractional layout of the key switches on the keyboard is
   established by the interface and is able to be charged by substituting
   a circuit board containing the program which defines the key functions
   in the PROM (122). A service engineer is provided with a diagnostic
   program which is able to be substituted for the user program to allow
   the performance of functions which are not available to the regular
   user.
Title Terms: KEYBOARD; ACTUATE; ELECTRONIC; **MAIL** ; SYSTEM; EXTRA; MEMORY;
  LOCATE; DIRECTORY; ROM; STORAGE; FUNCTION; IDENTIFY; CODE; SO; VARIABLE;
  KEYBOARD; FORMAT; SUIT; USER
Derwent Class: T01; T04; T05
International Patent Class (Additional): G01G-019/40; G06F-003/02;
  G07B-017/00
File Segment: EPI

Set	Items	Description
S1	1022455	(MAIL NOT (E OR ELECTRONIC OR VOICE)) OR MAILPIECE? ? OR P-ACKAGE? ? OR PARCEL? ? OR LETTER? ? OR CARD? ? OR POSTCARD? ?
S2	4292145	TYPE OR TYPES OR STYLE OR CLASS? OR CATEGORY OR CATEGORIES OR KIND? ?
S3	612499	ADDRESS?? OR ZIP()CODE? ? OR DESTINATION? OR (FINAL OR END-??? OR TERMINAT?)(2N)(LOCATION? ? OR LOCALE? OR LOCALIT? OR P-LACE OR PLACES)
S4	6795016	ASSOCIAT?? OR MATCH??? OR COMPARING OR COMPARISON? ? OR AS-SOCIATING OR CORRELAT? OR LINKED OR LINKING OR LINKAGE? OR EQ-UATE? ? OR EQUATING OR CONNECT? OR SORTS OR SORTED OR SORTING
S5	983339	COUNT??? OR TALLY? OR TABULAT? OR (ADD?? OR ADDING OR ENUM-ERAT? OR CIPHER??? OR SUM?? OR SUMMED OR SUMMING OR MEASUR? OR NUMBER)(2W)(PIECES OR UNITS OR ITEMS OR S1)
S6	4921242	CALCULAT? OR COMPUTED OR COMPUTAT? OR GAUG? OR DETERMIN? OR FORMULAT? OR EQUATION? ?
S7	3805822	COST? ? OR EXPENSE? ? OR RATE OR RATES OR PRICE? ?
S8	11	S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S7
S9	3	S8 FROM 347,350
S10	8	(S8 NOT S9) NOT PY>1999
S11	8	RD (unique items)
S12	3887905	TYPE OR TYPES OR STYLE OR CLASS?? OR CATEGORY OR CATEGORIES OR KIND? ?
S13	475958	ADDRESS? ? OR ADRESSEE? ? OR RECIPIENT? ? OR ZIP()CODE? ? - OR DESTINATION? OR TERMINUS OR END???(2N)(LOCATION? ? OR LOCA-LE? OR LOCALIT? OR PLACE OR PLACES)
S14	6655483	ASSOCIAT?? OR ASSOCIATING OR MATCH??? OR COMPARING OR COMP-ARISON? ? OR CORRELAT? OR LINKED OR LINKING OR LINKAGE? OR EQ-UATE? ? OR EQUATING OR CONNECT??? OR SORTS OR SORTED OR SORTI-NG
S15	7559603	COUNT OR COUNTS OR COUNTING OR COUNTED OR TALLY? OR TABULA-T? OR ADD?? OR ADDING OR ENUMERAT? OR CIPHER??? OR SUM?? OR S-UMMED OR SUMMING OR MEASUR? OR NUMBER
S16	70149	S15(2N)(PIECES OR UNITS OR ITEMS OR S1)
S17	131	(S1(5N)(S12 OR S13)) AND (S14(5N)S7)
S18	4	S16 AND S17
S19	1864	(S1(5N)S14) AND S16
S20	3220749	DATA()(BASE OR BASES OR BANK? ? OR SYSTEM? OR NETWORK? ?) - OR DATABASE OR DATABANK OR OODB OR ARCHIV? OR REPOSITORY OR R-EPOSITORIES OR STORING OR STORAGE OR STORED OR MEMORY OR RETA-INED OR RETAINING OR RETENTION

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S21         2   S19 AND S12 AND (S13(5N)S20)
S22   3458492   SORT? OR CLASSIF? OR COLLATE? OR COLLATING OR CATEGORIZ? OR
                CATEGORIS? OR DISSECT? OR IDENTIF? OR DETERMIN?
S23   7776622   ASSOCIAT?? OR ASSOCIATING OR MATCH??? OR COMPARE? OR COMPA-
                RING OR COMPARISON? ? OR CORRELAT? OR LINKED OR LINKING OR LI-
                NKAGE? OR TYING OR TYED OR TIED OR CONNECT???
S24        17   (S1(3N)S22) AND S23(5N)(S12 AND S13 AND S15)
S25        12   S24 FROM 347,350
S26         4   (S24 NOT S25) NOT PY>1999
S27   2735049   SORT? OR CLASSIF? OR COLLATE? OR COLLATING OR CATEGORIZ? OR
                CATEGORIS? OR DISSECT? OR DETERMIN?
S28         0   (S7(5N)S27) AND S16 AND (S13(5N)23)
S29         1   (S7(5N)S27) AND S1 AND (S13(5N)23)
S30    505410   (MAIL NOT (E OR ELECTRONIC OR VOICE)) OR MAILPIECE? ? OR P-
                ACKAGE? ? OR PARCEL? ? OR POSTCARD? ?
S31        88   (S23(5N)(S12 AND S13 AND S15)) AND S30
S32         7   S31 AND (IC=(G06F-017/60 OR G06F-019/00) OR MC=(T01-J05A1 -
                OR T01-J05A2 OR T05-C05 OR T05-K02))
S33      1837   (S7(5N)S27) AND (IC=(G06F-017/60 OR G06F-019/00) OR MC=(T0-
                1-J05A1 OR T01-J05A2 OR T05-C05 OR T05-K02))
S34        65   S33 AND S30
S35        65   S34 FROM 347,350
```

9/TI,PY,AZ/1   (Item 1 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

014128158
  Sorting **charges computing method for postal applications, involves
  storing piece** count **of each of** sorted mailpieces **to compute**
  sorting   cost **based on preset unit** price **of each** mailpiece **and
  stored** address **information**
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 1113376	A2	20010704	EP 2000126441	A	20001206	200171	B
CA 2327042	A1	20010628	CA 2327042	A	20001122	200171	

9/TI,PY,AZ/2   (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

013673771
  Pre-certification measuring **system of** mail **piece postal discount
  qualifications in** post office, **.sorts** mail **piece data and** mail **piece
  is pre-certified for qualified postal discounts**
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6135292	A	20001024	US 98217737	A	19981221	200116	B

9/TI,PY,AZ/3   (Item 3 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

010836701
  **Monolithic PC audio integrated circuit - has stereo CODEC for conversion
  of digital and analogue input and output signals, and digital wave-table
  audio synthesiser for generating digital audio signals**
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9615484	A2	19960523	WO 95US14254	A	19951102	199633	B
US 5581253	A	19961203	US 95510139	A	19950803	199703	
US 5585802	A	19961217	US 94333460	A	19941102	199705	
US 5589830	A	19961231	US 94333467	A	19941102	199707	
WO 9615484	A3	19970206				199722	
US 5648778	A	19970715	US 94333467	A	19941102	199734	
			US 96683754	A	19960717		
EP 789868	A1	19970820	EP 95942395	A	19951102	199738	
			WO 95US14254	A	19951102		
US 5659466	A	19970819	US 94333536	A	19941102	199739	
US 5668338	A	19970916	US 94333564	A	19941102	199743	
JP 10509544	W	19980914	WO 95US14254	A	19951102	199847	
			JP 96516131	A	19951102		
US 6058066	A	20000502	US 94333451	A	19941102	200029	
			US 97934969	A	19970922		
			US 98160992	A	19980925		
US 6272465	B1	20010807	US 94333451	A	19941102	200147	
			US 97934969	A	19970922		
			US 97934969	A	19970922		

DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013673771   **Image available**
WPI Acc No: 2001-157983/200116
XRPX Acc No: N01-114997
  Pre-certification measuring **system of** mail **piece postal discount
  qualifications in post office,** sorts mail **piece data and** mail **piece
  is pre-certified for qualified postal discounts**
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: PETTNER G E
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6135292	A	20001024	US 98217737	A	19981221	200116	B

Priority Applications (No Type Date): US 98217737 A 19981221
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6135292	A		7	B07C-005/12	

  Pre-certification measuring **system of** mail **piece postal discount
  qualifications in post office,** sorts mail **piece data and** mail **piece
  is pre-certified for qualified postal discounts**

Abstract (Basic):
...   An user interface (70) enters a set of data indicative of at
   least one postal **address** and **mail** piece thickness is measured by
   thickness **gauge** (30). A data processor (20) processes **mail** piece
   based on **address** data and measured thickness, to produce **mail** piece
   data. The **mail** piece data are **sorted** and the **mail** piece is
   pre-certified for qualified postal discounts.
...   The data processor coupled to thickness **gauge** and user
   interface, includes memory (50) to store one or more sets of data. An
   output unit (80) is coupled to the data processor to output **mail**
   piece identifier. The **mail** piece data includes mail piece
   classification , postal **rate** guidelines, **mail** piece weight
   measurement data. The **mail** piece identifier is an **address** label,
   container label and report. The **mail** piece thickness measurement is
   digital measurement, whose result is automatically entered in the
   processor. INDEPENDENT...

...a) **mail** piece qualification pre-certifying method...

...b) **mail** piece pre-qualification system...
...For pre-certification **measuring** of **mail** piece postal discount
   qualifications in post office...

...Relieves official postal facilities of certain **mail** handling tasks and
   enables **mail** pieces to qualify for certain postal discounts. Enables
   to accurately **determine** the thickness of **mail** piece, hence reduces
   time and **cost** **associated** with correcting the problems **associated**
   with postal service work sharing due to inaccurate **mail** piece
   thickness measurement...

...The figure shows the block diagram of **mail** piece qualification
   pre-certification measuring system...

...Thickness **gauge** (30...
...Title Terms: **MAIL** ;

01805117 ORDER NO: AADAA-I9944018
CHILDREN IN THE MIDDLE: AN EVALUATION OF THE EFFICACY OF A MANDATED
CHILD-FOCUSED EDUCATIONAL PROGRAM FOR DIVORCING PARENTS
   Author: BOYOJKO, RITA ANN
   Degree: PSY.D.
   Year: 1999
   Corporate Source/Institution: INDIANA UNIVERSITY OF PENNSYLVANIA (0318)
   Source: VOLUME 60/08-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
            PAGE 4203. 116 PAGES

       ...parents that specifically targeted the reduction of parental
conflict. Program participants in a small rural **county** in Pennsylvania
were compared to control participants from an adjoining **county** on a
number of different variables that research shows is **correlated** with
children's post-divorce adjustment. The dependent variables included:
conflict that pulls children into...

...demonstrated that continuing parental conflict is one of the most
important of mediating variables in **determining** the post-divorce
adjustment of children. Research further suggests that the etiology of
negative influence...
...of the children, or the inclusion of children within this parental
conflict.
       The names and **addresses** of respondents were obtained from court
records of divorce/custody filers, with **matching** procedures employed for
the **type** of filing, date, and status of filing. Procedures included the
mailing of 235 questionnaires to...

...appropriate program participants and 260 mailings to control
participants. Four separate mailings were made (introductory **postcard** ,
survey, reminder **letter** , and second survey to all nonrespondents) to
facilitate a high response **rate** .
       Participants (N = 102) were found to be demographically similar to
nonparticipants (N = 87), except that...

01797941 ORDER NO: AADAA-I9936030
AN ANALYSIS OF CAPACITATED PACKAGING POSTPONEMENT (MANUFACTURING, SUPPLY
CHAIN)
   Author: GRAMAN, GREGORY ANTHONY
   Degree: PH.D.
   Year: 1999
   Corporate Source/Institution: UNIVERSITY OF CINCINNATI (0045)
   Source: VOLUME 60/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
            PAGE 2926. 254 PAGES

       ...result in obsolete inventories of some products while stockouts of
others occur. One way to **address** this problem is through the use of
<italic> postponement</italic>, in which a product is...

...product variety. This study is cast in an environment where a consumer
item is not **packaged** for shipment to a retailer until an order is
received. A variety of packaging alternatives...

...that differ only in the quantity of the unique, common item contained in
each. This **type** of postponement is referred to as <italic>packaging
postponement </italic>. Delaying the packaging for shipment...
...done.

Mathematical models are constructed to gain insight into the effects of variability of demand, **correlated** demands, the number of products being postponed, and the **number** of **items** per product have on the benefit of postponement. A decision **cost** model is constructed to aid in **determining** when total postponement is an appropriate supply chain strategy. The effects of increasing amounts of...

...Managerial issues that influence the postponement decision and may be cumbersome to model are also **addressed** .

11/3,K/3   (Item 3 from file: 35)
DIALOG(R)File   35:Dissertation Abs Online

01310486   ORDER NO: AAD93-29037
DIFFERENCES IN FINANCIALLY STRESSED AND NON-FINANCIALLY STRESSED SUBURBAN COOK COUNTY ELEMENTARY PUBLIC SCHOOL DISTRICTS: AN EX POST FACTO STUDY (SUBURBAN SCHOOL DISTRICTS, ILLINOIS, SCHOOL FUNDING)
  Author: GERAGHTY, BERNARD KENNETH
  Degree: ED.D.
  Year: 1993
  Corporate Source/Institution: UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN (0090)
  Source: VOLUME 54/05-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
            PAGE 1610.   109 PAGES

DIFFERENCES IN FINANCIALLY STRESSED AND NON-FINANCIALLY STRESSED SUBURBAN COOK COUNTY ELEMENTARY PUBLIC SCHOOL DISTRICTS: AN EX POST FACTO STUDY (SUBURBAN SCHOOL DISTRICTS, ILLINOIS, SCHOOL FUNDING)

     ...and those districts which have not been identified as being financially stressed. The specific question **addressed** was: How are financially stressed school districts different from non-financially stressed school districts?
     Data were obtained from the Illinois State Report **Card** , the Illinois State Board of Education Data Systems Office, and the Center for Metropolitan Statistics...

...The setting for this study was the 115 elementary public school districts in suburban Cook **County** , Illinois.
     Twenty variables were analyzed to **determine** the differences that existed between financially stressed school districts and non-financially stressed school districts. The 20 variables were grouped into the following three **categories** : financial, instructional, and student. Analysis was done by using the one-tailed t-test to **determine** whether a significant difference existed between the means of the two groups. The group means were **computed** and the variation among the values in each group were examined. The coefficient of variation...

...in total expenditures per pupil, instructional expenditures per pupil, supportive services expenditures, district operating tax **rates** , and property values per pupil. There is a significant instructional difference in average years of...

...eighth grade reading scores and sixth and eighth grade mathematic scores.
     The results of the **correlation** analysis reveal a large number of significant **correlations** . This suggests that multicollinearity may be a factor in this study; therefore, limiting somewhat the...

11/3,K/4   (Item 4 from file: 35)
DIALOG(R)File   35:Dissertation Abs Online

894545 ORDER NO: AAD85-17716
AN ANALYSIS OF COSTS OF PROPERTY TAX APPRAISAL IN TEXAS (BUDGET)
  Author: WALDEN, EARL T., JR.
  Degree: ED.D.
  Year: 1985
  Corporate Source/Institution: UNIVERSITY OF HOUSTON (0087)
  Source: VOLUME 46/08-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
           PAGE 2437. 159 PAGES

AN ANALYSIS OF COSTS OF PROPERTY TAX APPRAISAL IN TEXAS (BUDGET)

       ...enacted several revisions to the tax code, the major change being
the establishment of the **county** -wide single appraisal tax districts.
Without regulatory standards for budgeting and audit requirements, the 253
county appraisal districts in Texas have demonstrated a wide range in
appraisal **costs** . This study is concerned with the analysis of appraisal
budgets for the purpose of establishing a composite model for **County**
Appraisal District budgets.
       The study will consider the questions: (1) Do per **parcel costs**
 increase with efficiency? (2) Is there a **correlation** between functional
budgetary expenditures? (3) Is there a uniformity of budgetary percentages
within the districts considered? (4) What is the best measure of tax **cost**
efficiency?
       The procedures to be followed to **address** these research
questions will be: (1) The selection of a ten percent sample of appraisal
...

...Weighted Average Level of Appraisal (WALA) within the selected range.
Uniformity measures for the various **classes** of property were used to
limit the sample. Selection was based on data from the...

...each of the selected districts and recodification into a standard format
for analysis. (3) The **calculation** of per **parcel costs** for each of the
sample districts and compared to the State averages and each other...

...of the composite model budget developed by consideration of the budgets
of other districts, with **correlation** in ratio to their WALA rating.
       The need for a study of **County** Appraisal District budgets is
noted: Tom Green **County** has a WALA rating of .39 and Andrews **County** a
rating of 1.24. The **cost** of appraisal per **parcel** runs from zero to
$40.16. Appraisal ratios in Texas school districts range from 6...

...Lazbuddie ISD. The calls for tax equity and uniformity of appraisal
demand efficiency in appraisal **costs** . (Abstract shortened with permission
of author.)
    ...

 11/3,K/5   (Item 5 from file: 35)

761481 ORDER NO: AAD81-25476
**THE DIFFICULTY OF TEXTBOOKS FOR THE ELEMENTARY GRADES: A SURVEY OF
EDUCATORS' AND PUBLISHERS' PREFERENCES**
  Author: CONARD, SUE STANKEWITZ
  Degree: ED.D.
  Year: 1981
  Corporate Source/Institution: HARVARD UNIVERSITY (0084)
  Source: VOLUME 42/06-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
           PAGE 2487. 233 PAGES

    Purpose. A critical factor for both direct reading instruction and
instruction in content subject is **matching** the reading level of
instructional materials to characteristics of students for whom the
materials are intended. Although the concept of appropriate **match** has

long been advocated by both theorists and reading authorities, researchers continue to suggest that the idea may not be generally applied in **classroom** practice. Considering the possibility that ideas of appropriate **match** may vary, the present study was undertaken to examine prevailing views of this concept.

Preferences...
...school textbook publishers were surveyed regarding reading levels of textbooks used in elementary schools. Questions **addressed** were: (1) How important do educators and publishers consider suitable reading level--one that is **matched** to the abilities and interests of students--in the selection and production of elementary school...

...represent the entire elementary school textbook publishing industry, and 303 elementary educators (instructional specialists and **classroom** teachers) selected by a nationwide, random process and representing states according to textbook adoption procedures...

...questionnaires, first piloted by publishing representatives and two groups of teachers and specialists. Follow-up **letters** , **cards** , and telephone calls were utilized, resulting in an overall response **rate** of 63% for the study.

To analyze data, frequency distributions were **calculated** for all questions, by items, according to replies of educators and publishers and those of sub-groups. Responses between groups were examined with cross-**tabulational** analyses; chi square and Cramer's V were used as measures of association.

Findings. Suitable...
...not be fully cognizant.

Suitable reading level is considered somewhat less important by publishers in **comparison** to their other concerns than by educators in **comparison** to other textbook selection considerations.

Some differences between publishers and educators are found in preferred...

...educators prefer a slightly more difficult reading textbook for this group than do publishers.

For **classes** and various instructional groups, educators prefer textbooks for reading, science, and social studies with reading levels **matched** to the reading achievement of middle achieving students. For individuals, somewhat more difficult textbooks are...

...studies to be used in the same grade.

Experience and training are not found to **determine** preferences of educators or publishers. Urban teachers appear to prefer slightly less difficult textbooks in...

...urban teachers and, in some instances, instructional specialists prefer somewhat less difficult textbooks than do **classroom** teachers.
...

 11/3,K/6   (Item 6 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
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755955 ORDER NO: AAD81-20388
LENGTH OF TIME FOR COLLEGE GRADUATES TO OBTAIN EMPLOYMENT AND SELECTED JOB RELATED VARIABLES
  Author: WILLIAMS, JOLE ANN
  Degree: PH.D.
  Year: 1981
  Corporate Source/Institution: THE UNIVERSITY OF NORTH DAKOTA (0156)
  Source: VOLUME 42/04-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
           PAGE 1497. 132 PAGES

    The purpose of this study was to **determine** if there is a significant

relationship between the length of time it takes Trinity University...

...weeks later follow-up questionnaires were mailed out and two weeks later a reminder post **card** was sent to the graduates who had not returned questionnaires. Two weeks after the mailing of the post **cards** , twenty-five random telephone calls were made to graduates who had still not returned the...

...information collected was at the nominal level, the first phase of analysis was descriptive. Item **counts** were reported for each item on the questionnaire. Means, standard deviations, and **correlations** with length of time to secure employment were reported on data that can be considered to be at the interval level. Two-way **classifications** , (chi) ('2) tests, and probability levels were reported for time to secure employment for most items on the questionnaire which were nominal in nature. After the **classificatory** analyses were completed, a set-wise regression analysis was applied to the data.
        The researcher...

...become employed and the identified variables and combination of variables.
        The first set of variables **addressed** was background variables. No combination, nor any variable among these, was found to show any...

...size preference. There were significant findings for both variables. Apparently, there is a somewhat faster **rate** of employment of those who actually express a preference for geographic location.
        In **comparing** the five sets of variables, the most important with regard to length of time for...

11/3,K/7   **(Item 7 from file: 35)**
DIALOG(R)File 35:Dissertation Abs Online
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753182 ORDER NO: AAD81-17669
SELECTED FACTORS ASSOCIATED **WITH STUDENT ENROLLMENT DECLINE IN THE CATHOLIC SCHOOL SYSTEM OF THE ARCHDIOCESE OF PHILADELPHIA**
  Author: IDIKU, PATRICK ODEY
  Degree: ED.D.
  Year: 1981
  Corporate Source/Institution: UNIVERSITY OF PENNSYLVANIA (0175)
  Source: VOLUME 42/03-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
          PAGE 933. 154 PAGES

SELECTED FACTORS ASSOCIATED **WITH STUDENT ENROLLMENT DECLINE IN THE CATHOLIC SCHOOL SYSTEM OF THE ARCHDIOCESE OF PHILADELPHIA**

   ...by school administrators of both elementary and secondary schools, pastors of all parishes, randomly selected **associate** pastors, teachers and parents from the five **counties** that make up the Archdiocesan School System of Philadelphia. Each of the sample members received two **letters** and a self- **addressed** stamped envelope enclosed with the questionnaire.
        Items pertinent to description of the sample in the...

...of education completed from elementary school education to professional school.
        Using a 4-point Likert- **type** scale, the questionnaire allowed subjects the opportunity to respond to factors they judged to be **associated** with student enrollment decline. The scale was designed to measure the respondents' degree of agreement or disagreement with 27 statements on varying items **associated** with enrollment decline.
        Factor analytic techniques were used to analyze the "factors related to decline...

...varimax rotation then produced six factors identified as scales.

Analysis of Variance was used to **determine** if the parents, school administrators, teachers, pastors and **associate** pastors have a significant relationship with Scales 1-6. An F ratio was used to **determine** the degree of significance among the groups. Following this, a range test was employed to...

...Information obtained from records revealed that there were downward trends in both birthrates and fertility **rates** . There were also decline in population in some of the **counties** . Financial problems were encountered by the Catholic School System of the Archdiocese of Philadelphia as well. All of the groups in the study agreed that parents cannot afford the rising **cost** of a Catholic school.

In conclusion, birth decline, fertility **rates** , economic crises, demographic mobility and the six factors from an attitudinal survey were all seen...

11/3,K/8   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

02365674   INSPEC Abstract Number: D85000165
 Title: **The mailroom can help your business prosper**
  Author(s): Lawrence, R.C., Jr.
  Journal: The Office   vol.100, no.2   p.79-80
  Publication Date: Aug. 1984   Country of Publication: USA
  CODEN: OFISAD ISSN: 0030-0128
  Language: English
  Subfile: D

...Abstract: After bursting and trimming computer output, the equipment merges and folds statements, electronically verifies item **counts** on the statement, and inserts statements and other-enclosures into envelopes. Then the system seals, meters and stacks the envelopes. **ZIP Code** presort break dividers or marks can be added automatically. Other **types** of automated equipment available includes equipment for scaling, parcelling and accounting. Electronic scales eliminate human errors in **calculating** postage and shipping **rates** , and can be used to make **cost comparisons** among the alternate modes of delivery. Electronic **parcel** processing systems are designed so that one person can accomplish within seconds all the procedures for shipping a **package** . They have an automatic printer for recording shipping information on invoices and bills of lading...
 ...Identifiers: **parcel** processing systems

18/3,K/1   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014384616   **Image available**
WPI Acc No: 2002-205319/200226
Related WPI Acc No: 2001-441068; 2001-441069; 2001-441070; 2001-441073;
  2001-451231; 2001-521561; 2001-535845; 2002-164832; 2002-164835;
  2002-172050; 2002-172052; 2002-195160; 2003-167990
XRPX Acc No: N02-156299
  **Demand usable adapter memory access management method involves
  determining whether adapter memory segment offset is suitable, and
  converting it to system address**
Patent Assignee: WEST K K (WEST-I); WEST L P (WEST-I)
Inventor: WEST K K; WEST L P
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020016899	A1	20020207	US 2000220748	P	20000726	200226	B
			US 2000220974	P	20000726		
			US 2001912954	A	20010725		

Priority Applications (No Type Date): US 2001912954 A 20010725; US
  2000220748 P 20000726; US 2000220974 P 20000726
Patent Details:

Patent No	Kind Lan	Pg	Main IPC	Filing Notes
US 20020016899	A1	9	G06F-012/10	Provisional application US 2000220748
				Provisional application US 2000220974

Abstract (Basic):
...   offsets is scanned, to determine whether adapter memory segment
    offset is suitable based on memory **card** **address** access request. The
    suitable offset is converted into a system address through which the
    processor...
...   Facilitates total utilization of RAM located on adapter cards,
    thereby reduces **cost** and alleviates space constraints **associated**
    with **adding** RAM adapter **cards** .

 18/3,K/2   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013673771   **Image available**
WPI Acc No: 2001-157983/200116
XRPX Acc No: N01-114997
  **Pre-certification measuring system of mail piece postal discount
  qualifications in post office, sorts mail piece data and mail piece is
  pre-certified for qualified postal discounts**
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: PETTNER G E
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6135292	A	20001024	US 98217737	A	19981221	200116	B

Priority Applications (No Type Date): US 98217737 A 19981221
Patent Details:

Patent No	Kind Lan	Pg	Main IPC	Filing Notes
US 6135292	A	7	B07C-005/12	

  Pre-certification measuring **system of** mail **piece postal discount
  qualifications in post office, sorts mail piece data and mail piece is**...

Abstract (Basic):
...   An user interface (70) enters a set of data indicative of at
    least one postal **address** and **mail** piece thickness is measured by
    thickness gauge (30). A data processor (20) processes **mail** piece
    based on **address** data and measured thickness, to produce mail piece
    data. The mail piece data are sorted...
...   output mail piece identifier. The mail piece data includes mail
    piece classification, postal rate guidelines, **mail** piece weight
    measurement data. The **mail** piece identifier is an **address** label,
    container label and report. The **mail** piece thickness **measurement** is
    digital measurement, whose result is automatically entered in the
    processor. INDEPENDENT CLAIMS are also...

...For pre-certification **measuring** of **mail** piece postal discount
    qualifications in post office...

...postal discounts. Enables to accurately determine the thickness of mail
    piece, hence reduces time and **cost** **associated** with correcting the
    problems **associated** with postal service work sharing due to
    inaccurate **mail** piece thickness **measurement** .

 18/3,K/3   (Item 1 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00116348   DOCUMENT TYPE: Review

PRODUCT NAMES: Company--priceline.com Inc   (867799)

TITLE: Trying Priceline.com's Patent Medicine
AUTHOR: Gimein, Mark
SOURCE: Industry Standard,   v2 n12   p22(2) Apr 12, 1999
ISSN: 1098-9196
HOMEPAGE: http://www.thestandard.com

RECORD TYPE: Review
REVIEW TYPE: Company

REVISION DATE: 20020703

...user bids for airline tickets, cars, mortgages, and hotel rooms, and the
company plans to **add** credit **card** services and other **categories** to the
wildly successful launch of offered services and goods. Though
Priceline.com has an uphill battle ahead in competing with markets that
contain buyers and sellers **matching** **prices** via complex financial rules
and interactions, many users experience great deals already. One example is
...

 18/3,K/4   (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 EBSCO Pub. All rts. reserv.

00399578   95CZ10-003
   Quad-speed **drives** at last: **whirlwind-fast CD-ROM drives touch down at
less than $200**
   Poor, Alfred
   Computer Life , October 1, 1995 , v2 n10 p90-100, 7 Page(s)
   ISSN: 1076-9862
   Company Name: Plextor
   Product Name: Plextor PX-43CS-256

   Presents a buyers' guide to quad-speed CD-ROM drives. Features a table
 comparing   the rating, average street **price** , interface, interface **card**

, **number** of audio cables included, **type** of unit, software included, warranty, and technical support of eight products from eight companies. Given...

21/3,K/1   (Item 1 from file: 347)

02681638   **Image available**
FAULT DATA TRACE CARD

PUB. NO.:   63-298538 [JP 63298538 A]
PUBLISHED: December 06, 1988 (19881206)
INVENTOR(s):   MURATA HIROSHI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:   62-131495 [JP 87131495]
FILED: May 29, 1987 (19870529)
JOURNAL: Section: P, Section No. 849, Vol. 13, No. 129, Pg. 41, March
               30, 1989 (19890330)

                       ABSTRACT
... occurs in a microprocessor by always tracing the operation of the
microprocessor in a memory **card** , writing the **number** of arbitrary byte
in the memory card at the time of occurring abnormality, thereafter, a...

... an attachable/detachable memory card 13 for tracing the operation of a
microcomputer built-in **type** device by writing an address and a data
outputted from the microcomputer built-in **type** device, and a sample
signal selecting circuit 23 for selecting a signal which is brought to
sample from the microcomputer built-in **type** device in order to write the
address and the data to this **memory** card 13. Also, this **card** is
provided with address **comparing** circuits 26, 27 and a data comparing
circuit 25, a write stop trigger selecting circuit...

21/3,K/2   (Item 1 from file: 350)

007486861   **Image available**
WPI Acc No: 1988-120794/198818
XRPX Acc No: N88-091702
   **Automatic interface card addressing arrangement for data processor -
   computes random address for each card in initialising sequence and uses
   address to decode address bus**
Patent Assignee: IBM CORP (IBMC)
Inventor: LEOTATRD R L; LOUIS P P R; MONTANARI G M
Number of Countries: 011 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 265575	A	19880504	EP 86430046	A	19861030	198818	B
US 4964038	A	19901016	US 87113310	A	19871028	199044	N
EP 265575	B	19920129				199205	
DE 3683778	G	19920312				199212	

Priority Applications (No Type Date): EP 86430046 A 19861030; US 87113310 A
   19871028
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 265575	A	E	11		

   Designated States (Regional): BE CH DE ES FR GB IT LI NL SE

EP 265575	B				

   Designated States (Regional): BE CH DE ES FR GB IT LI NL SE

...Abstract (Basic): communicates via the address bus (306), data bus (305)
   and control bus (307) with a **number** of interface **cards** (as 310).
   Each **card** is **associated** with a respective slave microprocessor
   (311), address register (401) and comparator (410) for decoding the...
...Abstract (Equivalent): one interface card (310) including: - means (460)

EKD   January 2, 2004

for storing a card identifier designating the respective **type** of interface card, - means (311) active during an initialisation sequence for generating a random address...

...of said card identifier storing means (460), - means (401) active during said initialisation sequence for **storing** a relevant **address** assigned by said data processing system during said initialisation sequence, characterised in that said data...

25/TI,PY,AZ/1   (Item 1 from file: 347)

04205822
SORTING ARITHMETIC PROCESSOR

PUBLISHED: August 06, 1993 (19930806)

25/TI,PY,AZ/2   (Item 2 from file: 347)

04160478
SEMICONDUCTOR DEVICE

PUBLISHED: June 18, 1993 (19930618)

25/TI,PY,AZ/3   (Item 1 from file: 350)

015032581
  Novel caspase recruitment domain-12, CARD-12, polypeptide useful for
  treating inflammatory disorders and immune disorders e.g., Crohn's
  disease, diabetes, multiple sclerosis, Hashimoto's thyroiditis and
  Grave's disease
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200285939	A1	20021031	WO 2002US13009	A	20020424	200308	B

25/TI,PY,AZ/4   (Item 2 from file: 350)

014398400
  Wolfdales Wordwide Club Identity and Shop Discount Card for use as, e.g.
  a credit/debit card, comprises the cardholder's information in the form
  of a barcode
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 2363358	A	20011219	GB 20017478	A	20010326	200228	B
GB 2363358	B	20021106	GB 20017478	A	20010326	200281	

25/TI,PY,AZ/5   (Item 3 from file: 350)

013824416
  Isolated caspase recruitment domain-12 polypeptide and nucleic acids
  encoding them, useful for treating and diagnosing disorders associated
  with abnormal apoptosis such as cancer, arthritis and Alzheimer's disease
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200130971	A2	20010503	WO 2000US29643	A	20001026	200132	B
AU 200112382	A	20010508	AU 200112382	A	20001026	200149	
US 20020034784	A1	20020321	US 99161822	P	19991027	200224	
			US 2000697089	A	20001026		
			US 2001841739	A	20010424		
EP 1228090	A2	20020807	EP 2000973940	A	20001026	200259	
			WO 2000US29643	A	20001026		
US 20030190679	A1	20031009	US 99161822	P	19991027	200367	
			US 2000697089	A	20001026		
			US 2001841739	A	20010424		
			US 2003449315	A	20030530		

25/TI,PY,AZ/6   (Item 4 from file: 350)

013697308
  Program product with structure and protocol for routing information for
  pointer based computer system, has routing information with several parts
  and package directory identifying each part used by package manager
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6173335	B1	20010109	US 9399841	A	19930730	200118	B

25/TI,PY,AZ/7   (Item 5 from file: 350)

011262079
  Video encoding system used in mail   sorter . - uses judgement part to
  verify validity of i/p user code, by comparing it against contents of
  address database.
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9075862	A	19970325	JP 95238286	A	19950918	199722	B

25/TI,PY,AZ/8   (Item 6 from file: 350)

010611596
  Package mounting type data processor - has control device which outputs
  address corresponding to amount of interruption generated by interruption
  terminal, when package is inserted
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 7319798	A	19951208	JP 94108149	A	19940523	199612	B

25/TI,PY,AZ/9   (Item 7 from file: 350)

009223564
  Bar-code translation for deferred optical character recognition mail
  processing - allowing use of local formats of bar-code reading and
  sorting of mail pieces during incoming sort
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 509280	A2	19921021	EP 92105137	A	19920325	199243	B
JP 4338271	A	19921125	JP 9228657	A	19920215	199302	
US 5249687	A	19931005	US 91690175	A	19910419	199341	
EP 509280	A3	19930505	EP 92105137	A	19920325	199402	
EP 509280	B1	19960911	EP 92105137	A	19920325	199641	
DE 69213532	E	19961017	DE 613532	A	19920325	199647	
			EP 92105137	A	19920325		

25/TI,PY,AZ/10   (Item 8 from file: 350)

008998043
  Preparing validated mail tray labels - where mailed letters are
  addresses with printer and sorted into mailing trays which have mailing
  lable printed for them by system
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 480684	A	19920415	EP 91309229	A	19911008	199216	B
CA 2052903	A	19920410	CA 2052903	A	19911007	199226	
EP 480684	A3	19920909	EP 91309229	A	19911008	199338	

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US 5329102    A    19940712   US 90594515   A    19901009   199427
CA 2052903    C    19951212   CA 2052903    A    19911007   199611
EP 480684     B1   19960320   EP 91309229   A    19911008   199616
DE 69118084   E    19960425   DE 618084     A    19911008   199622
                             EP 91309229   A    19911008
```

25/TI,PY,AZ/11   (Item 9 from file: 350)

007624812
  **Desk top computer with optional plug-in facility cards - automatically
  configures system for inserted cards each time machine is powered up**
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 281999	A	19880914	EP 88103609	A	19880308	198837	B
GB 2202350	A	19880921	GB 885328	A	19880307	198838	
DE 3808168	A	19880922	DE 3808168	A	19880311	198839	
NL 8800598	A	19881003				198843	
FR 2612313	A	19880916				198844	
AU 8812738	A	19880915				198845	
NO 8800605	A	19881010				198846	
BR 8801091	A	19881018				198847	
FI 8800656	A	19880914				198848	
DE 3808168	C	19881222				198851	
DK 8801358	A	19880914				198903	
CN 8800762	A	19881123				198944	
BE 1001459	A	19891107	BE 8826	A	19880111	198947	
GB 2202350	B	19910724				199130	
US 5038320	A	19910806	US 89297387	A	19890106	199134	
IT 1216768	B	19900308				199207	
NL 189101	B	19920803	NL 88598	A	19880310	199234	
IL 85146	A	19921230	IL 85146	A	19880120	199309	
EP 281999	B1	19930602	EP 88103609	A	19880308	199322	
DE 3881414	G	19930708	DE 3881414	A	19880308	199328	
			EP 88103609	A	19880308		
ES 2041715	T3	19931201	EP 88103609	A	19880308	199401	
NO 175879	B	19940912	NO 88605	A	19880211	199436	
DK 169366	B	19941010	DK 881358	A	19880311	199439	
FI 93585	B	19950113	FI 88656	A	19880212	199508	
CA 1335843	C	19950606	CA 557756	A	19880129	199530	
US 5491804	A	19960213	US 8721391	A	19870313	199612	
			US 89296387	A	19890106		
			US 91637411	A	19910104		
KR 9508223	B1	19950726	KR 882620	A	19880312	199717	
JP 9330151	A	19971222	JP 9357146	A	19871215	199810	
			JP 9760897	A	19871215		
PH 28319	A	19940616	PH 36434	A	19880129	199838	
JP 3030342	B2	20000410	JP 9357146	A	19871215	200023	
			JP 9760897	A	19871215		

25/TI,PY,AZ/12   (Item 10 from file: 350)

003331590
  **Post code recognising system - computes similarity differences for
  letters and numerals read from postal address on basis of stored standard
  patterns**
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 54842	A	19820630				198227	B
US 4484348	A	19841120	US 81233229	A	19811218	198449	
EP 54842	B	19860416				198616	
DE 3174426	G	19860522				198622	

25/3,K/1   (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04205822   **Image available**
SORTING ARITHMETIC PROCESSOR

PUB. NO.:   05-197522 [JP 5197522 A]
PUBLISHED: August 06, 1993 (19930806)
INVENTOR(s): KASAHARA YASUNORI
APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or
              Corporation), JP (Japan)
APPL. NO.:   04-007598 [JP 927598]
FILED: January 20, 1992 (19920120)
JOURNAL: Section: P, Section No. 1645, Vol. 17, No. 621, Pg. 163,
              November 16, 1993 (19931116)

                              ABSTRACT
PURPOSE: To decrease the total number of sorting processors which are
linearly **connected** and the total **number** of 2nd storage devices which
are connected to the sorting processors by incorporating a 1st storage
device and plural **sorting** cores in one **package** .

 25/3,K/6   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013697308   **Image available**
WPI Acc No: 2001-181532/200118
XRPX Acc No: N01-129450
   Program product with structure and protocol for routing information for
   pointer based computer system, has routing information with several parts
   and package directory identifying each part used by package manager
Patent Assignee: APPLE COMPUTER INC (APPY)
Inventor: CULBERT D J; WELLAND R V
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6173335	B1	20010109	US 9399841	A	19930730	200118	B

Priority Applications (No Type Date): US 9399841 A 19930730
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6173335	B1		22	G06F-009/00	

... **for routing information for pointer based computer system, has routing**
   information with several parts and package **directory** identifying **each**
   part used by package manager

Abstract (Basic):
...   packages with necessary routing information. Packages have one
   or more parts, each contiguous part with **associated** part **kind** and
   part **type** attributes and a package directory. Part kind attribute
   describes part either as a high level...
...   or a computer network. Information references or pointers
   describing the location of data characterizing the **package** by
   identifying offset between a fixed point in the package and the
   beginning of the data and the size of the data. **Package** header
   includes an **identifier** of 8-bytes length which indicates that the
   succeeding material is a package. INDEPENDENT CLAIMS...

...Routing system maintains association between the information, its
   destination and structure without intervention of ·router. **Package**
   directory **identifies** the **package** and provides key information about

                    EKD   January 2, 2004

package and its parts. Routing protocol allows information from any...

 25/3,K/7   (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

011262079   **Image available**
WPI Acc No: 1997-239982/199722
XRPX Acc No: N97-198230
  Video encoding system used in mail   sorter . - **uses judgement part to**
  verify validity of i/p user code, by comparing **it against contents of**
  address database.
Patent Assignee: TOSHIBA KK (TOKE); TOSHIBA SOFTWARE ENG KK (TOSH-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 9075862   A   19970325 JP 95238286   A   19950918 199722   B

Priority Applications (No Type Date): JP 95238286 A 19950918
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 9075862   A   8 B07C-003/18

  Video encoding system used in mail   sorter . - ...

...**uses judgement part to verify validity of i/p user code, by** comparing
  it against contents of address **database.**

 25/3,K/8   (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

010611596   **Image available**
WPI Acc No: 1996-108549/199612
XRPX Acc No: N96-090809
  Package mounting type data processor - has control device which outputs
  address corresponding to amount of interruption generated by interruption
  terminal, when package is inserted
Patent Assignee: NEC CORP (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 7319798   A   19951208 JP 94108149   A   19940523 199612   B

Priority Applications (No Type Date): JP 94108149 A 19940523
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 7319798   A   9 G06F-013/14

...Abstract (Basic): The data processor has a control unit which is
   connected to a data bus terminal, **address** bus terminal and slot
   address terminal. The slot number is input through slot address
   terminal...
...out the number of input slots by interrupting the terminal. A comparator
   circuit is also **connected** to the slot **address** terminal and address
   bus terminal. The output of the comparator is fed to an identifier...

...the control device. The control device outputs an address which
   corresponds to generated interruption. The **package identifier**
   decides the kind of package, based on the address...

 25/3,K/9   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX

009223564   **Image available**
WPI Acc No: 1992-350985/199243
XRPX Acc No: N92-267599
  **Bar-code translation for deferred optical character recognition mail
  processing - allowing use of local formats of bar-code reading and**
  sorting of mail **pieces during incoming** sort
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: ANKERSTJERNE A; CARRIS B T; ROSENBAUM W S
Number of Countries: 006 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 509280	A2	19921021	EP 92105137	A	19920325	199243	B
JP 4338271	A	19921125	JP 9228657	A	19920215	199302	
US 5249687	A	19931005	US 91690175	A	19910419	199341	
EP 509280	A3	19930505	EP 92105137	A	19920325	199402	
EP 509280	B1	19960911	EP 92105137	A	19920325	199641	
DE 69213532	E	19961017	DE 613532	A	19920325	199647	
			EP 92105137	A	19920325		

Priority Applications (No Type Date): US 91690175 A 19910419
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 509280	A2	E	24	B07C-003/00	
JP 4338271	A		15	B07C-003/18	
US 5249687	A		22	B07C-005/02	
EP 509280	B1	E	26	B07C-003/00	

   Designated States (Regional): DE DK FR GB

DE 69213532	E			B07C-003/00	Based on patent EP 509280
EP 509280	A3			B07C-003/00	

... **allowing use of local formats of bar-code reading and** sorting of
  mail **pieces during incoming** sort

...Abstract (Basic): the first sorting device (37'). The destination
   address is stored in the memory and the **mail** piece is **identified** at
   the distribution station by reading the indicum...

...is printed onto the main piece. The printed sort code is read in a
   second **sorter** (206) and the **mail** piece is **sorted** to the
   destination location...

...ADVANTAGE - Allows OCR encoded mail to be processed along with other
   types of encoded **mail** during standard **sort** bar-code that has been
   imprinted using prior technology
...Abstract (Equivalent): whose image is character recognized to produce
   destination address data (42,44,44') which is **associated** with an
   identification **number** (24') encoded as an indicium (24) onto the mail
   piece, the destination address data being...

...to said first sorting device (37'); storing said destination address
   data in said computer memory; **identifying** said **mail** piece at said
   distribution station by reading said indicium thereon; accessing said
   destination address data...

...address data into a local sort code (200) using said translation tables;
   printing said local **sort** code onto said **mail** piece; reading said
   printed local sort code in a second sorter (206) and **sorting** the
   mail piece to the destination location
...Abstract (Equivalent): formats which are common to a given destination
   postal system. This enables deferred OCR processed **mail** to be **sorted**
   on an unsegregated basis along with other types of mail which have not
   been processed...

...This allows the OCR encoded mail to be processed along with other types

of encoded **mail** during standard **sort** barcode that has been
imprinted using prior technology such as OCR or manual code desks...

...code using the translation tables. A sorter then reads the printed local
sort code and **sorts** the **mail** piece down to carrier. The translation
tables in local sorting information having a carrier code

25/3,K/10   (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

008998043   **Image available**
WPI Acc No: 1992-125316/199216
XRPX Acc No: N92-093707
 **Preparing validated mail tray labels - where mailed letters are
 addresses with printer and sorted into mailing trays which have mailing
 lable printed for them by system**
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: SANSONE R P
Number of Countries: 006 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 480684	A	19920415	EP 91309229	A	19911008	199216	B
CA 2052903	A	19920410	CA 2052903	A	19911007	199226	
EP 480684	A3	19920909	EP 91309229	A	19911008	199338	
US 5329102	A	19940712	US 90594515	A	19901009	199427	
CA 2052903	C	19951212	CA 2052903	A	19911007	199611	
EP 480684	B1	19960320	EP 91309229	A	19911008	199616	
DE 69118084	E	19960425	DE 618084	A	19911008	199622	
			EP 91309229	A	19911008		

Priority Applications (No Type Date): US 90594515 A 19901009
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 480684	A	E	7		

   Designated States (Regional): DE FR GB SE

US 5329102	A		6	G06F-015/20	
EP 480684	B1	E	8	G07B-017/02	

   Designated States (Regional): DE FR GB SE

DE 69118084	E		G07B-017/02	Based on patent EP 480684
CA 2052903	A		G06K-017/00	
CA 2052903	C		G06K-017/00	

...Abstract (Basic): sanitizer programs are stored in the mailer`s
processor (18, 20), and are used to **sort** the **mail** to achieve postal
discounts...
...Abstract (Equivalent): sanitizer programs are stored in the mailer`s
processor (18, 20), and are used to **sort** the **mail** to achieve postal
discounts...

...the weight to said controller whereby said controller determines the
amount of postage required, and **compares** the **measured** weight with
weight calculated by mailing and insert information received from said
inserter...
...Abstract (Equivalent): by a mailer and placed in a tray. Mail lists and
programs for sanitizing the **mail** list and **sorting** the **mail** to
achieve postal discounts are stored in a mailer's processor. A printer
is controlled...

...stored in the processor indicates where the mail is to be sent, the
class of **mail** , level of **sortition** and the contents of the mail.
Tray contents are computed and appropriate labels are prepared...

25/3,K/12   (Item 10 from file: 350)

003331590
WPI Acc No: 1982-H9603E/198227
  Post code recognising system - computes similarity differences for
  letters and numerals read from postal address on basis of stored standard
  patterns
Patent Assignee: TOKYO SHIBAURA DENKI KK (TOKE)
Inventor: SHIZUNO M
Number of Countries: 006   Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 54842	A	19820630				198227	B
US 4484348	A	19841120	US 81233229	A	19811218	198449	
EP 54842	B	19860416				198616	
DE 3174426	G	19860522				198622	

Priority Applications (No Type Date): JP 80181612 A 19801222
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 54842	A	E	18		

   Designated States (Regional): DE FR GB IT NL

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 54842	B	E			

   Designated States (Regional): DE FR GB IT NL

...Abstract (Basic): including the post code and provides corresponding
   signals which are quantised. A similarity computing section **determines**
     similarities between each **letter** pattern from section relative to
   numerals and letter using the respective thesauruses. The resulting
   output...

...first candidate characters of the highest numeric and alphabetic
   similarities. A format judgement section is **connected** to the
   detecting section and **category** judgement section to **compare** the
   category with a series supplied from a format table.
...Abstract (Equivalent): including the post code and provides
   corresponding signals which are quantised. A similarity computing
   section **determines** similarities between each **letter** pattern from
   section relative to numerals and letter using the respective
   thesauruses. The resulting output...

...first candidate characters of the highest numeric and alphabetic
   similarities. A format judgement section is **connected** to the
   detecting section and **category** judgement section to **compare** the
   category with a series supplied from a format table.
...Abstract (Equivalent): The similarity difference thus obtained and a
   corresponding threshold level in the threshold table are **compared** to
   judge the **category** of the letter. A format table is included where a
   predetermined category series is stored. The category supplied from the
   detecting section and **category** judgement section **connected** thereto
   is **compared** to the **category** series supplied from the format table
   ...

26/3,K/1   (Item 1 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

01607533   DOCUMENT TYPE: Product

PRODUCT NAME: Member Tender II Membership Management System (607533)

Dynacomp Inc (095443)
4560 E Lake Rd
Livonia, NY 14487 United States
TELEPHONE: (585) 346-9788

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20010530

...addition to a relational database structure which permits unlimited
membership lists along with an unlimited **number** of **associated**
organizations and profile codes. The user- friendly display features
include logically arranged menus with point...

...and windowed displays. Member Tender users define their own membership
reports, prepare summarized revenue reports, **sort** mailing lists and **mail**
- merge with letters, have two addresses for each member, enter several
pages of comments per...

26/3,K/2   (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01635392 ORDER NO: AAD98-26751
**COMPARISON OF ATTENTIONAL PROCESSES BETWEEN THE TWO SUBTYPES OF ATTENTION
DEFICIT HYPERACTIVITY DISORDER (NEUROPSYCHOLOGY, EXECUTIVE FUNCTIONS)**
    Author: HARRISON, TERRY ELIZABETH
    Degree: ED.D.
    Year: 1997
    Corporate Source/Institution: NORTHERN ARIZONA UNIVERSITY (0391)
    Source: VOLUME 59/03-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
            PAGE 723. 110 PAGES

       ...Test and the Letter Cancellation Test. Likewise, no significant
differences emerged when the groups were **compared** on neuropsychological
measures of sustained and shifting attention (Continuous Performance Test,
Children's Category Test, and Wisconsin **Card   Sorting** Test). These
results suggest that children diagnosed with ADHD-Combined and
ADHD-Inattentive are not...

26/3,K/3   (Item 2 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01089639 ORDER NO: AAD90-03483
**COGNITIVE DYSFUNCTION ASSOCIATED WITH CHRONIC OR RECURRENT INFECTION WITH
EPSTEIN-BARR VIRUS (VIRUS)**
    Author: ESTES, ANNE LYNNETTE
    Degree: PH.D.
    Year: 1989
    Corporate Source/Institution: THE UNIVERSITY OF ARIZONA (0009)
    Source: VOLUME 50/09-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
            PAGE 3855. 95 PAGES

...Barr Virus (EBV) infection were compared with 22 controls to assess cognitive dysfunction. Subjects were **compared** on 15 **measures** of cognitive functioning from the Boston Diagnostic Aphasia Examination, Perceptual Speed, Wechsler Adult Intelligence Scale-Revised, Finger Tapping Test, Stroop Test, Trail-Making Test, Wisconsin **Card Sorting** Test and Revised Wechsler Memory Scale. They also were **compared** on **measures** of depression including the Beck Depression Inventory, Minnesota Multiphasic Personality Inventory (MMPI) depression subscale and...

...of the Stroop Test and total number of errors and perseverative errors on the Wisconsin **Card Sorting** Test. The Beck Depression Inventory was included to statistically remove depression effects from cognitive performances...

 26/3,K/4   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

00772021   INSPEC Abstract Number: C75013893
 Title: **Problems of pattern recognition in automatic** letter   sorting
  Author(s): Meyer-Broetz, G.; Schuermann, J.
  Author   Affiliation: AEG   Telefunken-Forschungsinst.,   Ulm/Donau,   West Germany
  Journal: Technische Mitteilungen PTT   vol.53, no.2   p.44-53, 61
  Publication Date: 1975 Country of Publication: Switzerland
  CODEN: TMPTAJ ISSN: 0040-1471
  Language: German; French
  Subfile: B C

 Title: **Problems of pattern recognition in automatic** letter   sorting
  Abstract: In large post offices semi-automatic   **letter**   **sorting** installations are used where the operator adds the postcode on outgoing mail and the coded...

... of pattern recognition problems and their solution. Individual characters are classified by prognostication procedure; for **address** interpretation and **comparison**   an index of place and street names is used, differentiation in case of ambiguity being...
  ...Identifiers: automatic **letter**   **sorting** ;

29/3,K/1   (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

01513887   **Image available**
PATTERN RECOGNIZING SYSTEM

ABSTRACT

PURPOSE: To improve the **rate** of recognition and to **sort** a **mail** or the
like with high accuracy by deciding required information for sorting with
the recognition...

...S2 when both upper 2-digits are the numeral recognition information by a
comparator circuit · **23** and outputs a prescribed **address** as the address
S3   when either of both upper 2-digit is not numeric information.
Information S4 required for sorting the **mail** is outputted according to
the address S3.

32/TI,PY,AZ/1   (Item 1 from file: 347)

07679608
CELLULAR PHONE APPLICATION METHOD AND ITS SYSTEM IN POINT CARD SYSTEM AND
CELLULAR PHONE **CONNECTION** **TYPE** READER/ WRITER

PUBLISHED: June 20, 2003 (20030620)

32/TI,PY,AZ/2   (Item 1 from file: 350)

011262079
   Video encoding system used in mail sorter. - uses judgement part to
   verify validity of i/p user code, by comparing it against contents of
   address database.
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9075862	A	19970325	JP 95238286	A	19950918	199722	B

32/TI,PY,AZ/3   (Item 2 from file: 350)

010757316
   Address recognition method for automatic mail processing system -
   involves using address recognition part which detects town code and
   dwelling display number and produces full address
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 8103730	A	19960423	JP 95194544	A	19950731	199626	B
CN 1148221	A	19970423	CN 95116347	A	19950808	200109	
KR 286163	B	20010416	KR 9524342	A	19950807	200218	

32/TI,PY,AZ/4   (Item 3 from file: 350)

009941224
   Automated system for mail preparation and record keeping - uses data
   processor storing program instructions and data including postage fees
   for printing onto continuous mailing forms
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5325303	A	19940628	US 89406732	A	19890913	199425	B
			US 9322185	A	19930225		

32/TI,PY,AZ/5   (Item 4 from file: 350)

009431841
   Continuous mailing forms and mailing preparation system - has data
   processor storing postage fees and receiving names and addresses to which
   items are to be mailed computing required postage fee and printing names
   and addresses on successive forms
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5190210	A	19930302	US 89406732	A	19890913	199315	B

32/TI,PY,AZ/6   (Item 5 from file: 350)

009223564

Bar-code translation for deferred optical character recognition mail processing - allowing use of local formats of bar-code reading and sorting of mail pieces during incoming sort

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 509280	A2	19921021	EP 92105137	A	19920325	199243	B
JP 4338271	A	19921125	JP 9228657	A	19920215	199302	
US 5249687	A	19931005	US 91690175	A	19910419	199341	
EP 509280	A3	19930505	EP 92105137	A	19920325	199402	
EP 509280	B1	19960911	EP 92105137	A	19920325	199641	
DE 69213532	E	19961017	DE 613532	A	19920325	199647	
			EP 92105137	A	19920325		

32/TI,PY,AZ/7   (Item 6 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

008998043

Preparing validated mail tray labels - where mailed letters are addresses with printer and sorted into mailing trays which have mailing lable printed for them by system

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 480684	A	19920415	EP 91309229	A	19911008	199216	B
CA 2052903	A	19920410	CA 2052903	A	19911007	199226	
EP 480684	A3	19920909	EP 91309229	A	19911008	199338	
US 5329102	A	19940712	US 90594515	A	19901009	199427	
CA 2052903	C	19951212	CA 2052903	A	19911007	199611	
EP 480684	B1	19960320	EP 91309229	A	19911008	199616	
DE 69118084	E	19960425	DE 618084	A	19911008	199622	
			EP 91309229	A	19911008		

32/3,K/3   (Item 2 from file: 350)

010757316   **Image available**
WPI Acc No: 1996-254271/199626
XRPX Acc No: N96-213720
  **Address recognition method for automatic mail processing system -
  involves using address recognition part which detects town code and
  dwelling display number and produces full address**
Patent Assignee: NEC CORP (NIDE); NIPPON ELECTRIC CO (NIDE)
Number of Countries: 003 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 8103730	A	19960423	JP 95194544	A	19950731	199626	B
CN 1148221	A	19970423	CN 95116347	A	19950808	200109	
KR 286163	B	20010416	KR 9524342	A	19950807	200218	

Priority Applications (No Type Date): JP 94185564 A 19940808
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8103730	A		18	B07C-003/10	
CN 1148221	A			G06K-009/00	
KR 286163	B			G06K-009/72	Previous Publ. patent KR 96008620

  Address recognition method for automatic mail processing system...

...Abstract (Basic): input character sequence which indicates an address
    including a town code and a dwelling display **number** . A character
    recognition part (104) **compares** each character with the contents of a
    character dictionary (105) which are registered beforehand and...
...Title Terms: **MAIL** ;
...Manual Codes (EPI/S-X): **T05-K02**

32/3,K/4   (Item 3 from file: 350)

009941224   **Image available**
WPI Acc No: 1994-208936/199425
Related WPI Acc No: 1993-125357; 1995-122543
XRPX Acc No: N94-164400
  **Automated system for mail preparation and record keeping - uses data
  processor storing program instructions and data including postage fees
  for printing onto continuous mailing forms**
Patent Assignee: WALZ POSTAL SOLUTIONS INC (WALZ-N)
Inventor: BENTZEN D O; WALZ G F
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5325303	A	19940628	US 89406732	A	19890913	199425	B
			US 9322185	A	19930225		

Priority Applications (No Type Date): US 89406732 A 19890913; US 9322185 A
   19930225
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5325303	A		68	G07B-017/00	Div ex application US 89406732
					Div ex patent US 5190210

  Automated system for mail preparation and record keeping...

...Abstract (Basic): prints the names and addresses in designated address
    areas on successive forms. An article identifying **number** on each form
    is **associated** with the name and **address** printed on it. Each article
    identifying number is stored with the name and address information...
...Title Terms: **MAIL** ;

 32/3,K/6   (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

009223564   **Image available**
WPI Acc No: 1992-350985/199243
XRPX Acc No: N92-267599
  Bar-code translation for deferred optical character .recognition. mail
  processing - allowing use of local formats of bar-code reading and
  ·sorting of mail pieces during incoming sort
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: ANKERSTJERNE A; CARRIS B T; ROSENBAUM W S
Number of Countries: 006 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 509280	A2	19921021	EP 92105137	A	19920325	199243	B
JP 4338271	A	19921125	JP 9228657	A	19920215	199302	
US 5249687	A	19931005	US 91690175	A	19910419	199341	
EP 509280	A3	19930505	EP 92105137	A	19920325	199402	
EP 509280	B1	19960911	EP 92105137	A	19920325	199641	
DE 69213532	E	19961017	DE 613532	A	19920325	199647	
			EP 92105137	A	19920325		

Priority Applications (No Type Date): US 91690175 A 19910419
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 509280	A2	E	24	B07C-003/00	
JP 4338271	A		15	B07C-003/18	
US 5249687	A		22	B07C-005/02	
EP 509280	B1	E	26	B07C-003/00	

   Designated States (Regional): DE DK FR GB

DE 69213532	E	·		B07C-003/00	Based on patent EP 509280
EP 509280	A3			B07C-003/00	

  Bar-code translation for deferred optical character recognition mail
  processing...

...allowing use of local formats of bar-code reading and sorting of mail
  pieces during incoming sort

...Abstract (Basic): the first sorting device (37'). The destination
   address is stored in the memory and the mail piece is identified at
   the distribution station by reading the indicum...

...main piece. The printed sort code is read in a second sorter (206) and
   the mail piece is sorted to the destination location...
...ADVANTAGE - Allows OCR encoded mail to be processed along with other
   types of encoded mail during standard sort bar-code that has been
   imprinted using prior technology
...Abstract (Equivalent): A method for encoding a mail piece (22) for
   automatic sorting to a destination location 928) employed in a system
   for deferred processing of the mail piece having a destination
   address block (45) whose image is character recognized to produce
   destination address data (42,44,44') which is associated with an
   identification number (24') encoded as an indicium (24) onto the
   mail piece, the destination address data being transmitted to the
   mail piece distribution station (28) which employs a first sorting
   device (206) to sort to a...

...first sorting device (37'); storing said destination address data in
   said computer memory; identifying said mail piece at said

distribution station by reading said indicium thereon; accessing said destination address data...

...local sort code (200) using said translation tables; printing said local sort code onto said **mail** piece; reading said printed local sort code in a second sorter (206) and sorting the **mail** piece to the destination location

...Abstract (Equivalent): The system enables techniques of deferred processing of OCR scanned **mail** to be compatible with existing techniques for mechanical sorting of mall that use standard sort...

...formats which are common to a given destination postal system. This enables deferred OCR processed **mail** to be sorted on an unsegregated basis along with other types of **mail** which have not been processed by the deferred OCR technique. This allows the OCR encoded **mail** to be processed along with other types of encoded **mail** during standard sort barcode that has been imprinted using prior technology such as OCR or ...

...the translation tables. A sorter then reads the printed local sort code and sorts the **mail** piece down to carrier. The translation tables in local sorting information having a carrier code...

...USE/ADVANTAGE - Automated **mail** processing, particularly use of optical character recognition for **mail** processing - using scanned **mail** OCR deferred processing. Automatic sorting can be performed down to carrier and walk sequence at

...Title Terms: **MAIL** ;

...Manual Codes (EPI/S-X): **T05-K02**

35/TI,PY,AZ/1   (Item 1 from file: 347)

07614950
SERVER AND **MAIL** ORDER SYSTEM

PUBLISHED: April 11, 2003 (20030411)

35/TI,PY,AZ/2   (Item 2 from file: 347)

07540600
FLEIGHT AND VEHICLE SEEK SYSTEM, AND SERVER, PROCESSING METHOD, PROGRAM AND
STORAGE MEDIUM FOR THE SAME

PUBLISHED: February 07, 2003 (20030207)

35/TI,PY,AZ/3   (Item 3 from file: 347)

07474077
MAIL ORDER SYSTEM

PUBLISHED: November 29, 2002 (20021129)

35/TI,PY,AZ/4   (Item 4 from file: 347)

07315019
ADVERTISEMENT INVITATION DISTRIBUTION SYSTEM AND METHOD OF CELLULAR PHONE

PUBLISHED: June 28, 2002 (20020628)

35/TI,PY,AZ/5   (Item 5 from file: 347)

07264699
SUPPORT SYSTEM FOR BUYING AND SELLING TIMING OF USED CAR BY INTERNET

PUBLISHED: May 10, 2002 (20020510)

35/TI,PY,AZ/6   (Item 6 from file: 347)

07173364
BUSINESS EVALUATION SYSTEM AND OUTPUT MEDIUM

PUBLISHED: February 08, 2002 (20020208)

35/TI,PY,AZ/7   (Item 7 from file: 347)

07139478
MAILING METHOD, MAILING SERVER, AND RECORDING MEDIUM

PUBLISHED: January 11, 2002 (20020111)

35/TI,PY,AZ/8   (Item 1 from file: 350)

015838037
   Automated optimal packaging determination and goods shipping process for
   electronic commerce application, involves providing cost for each
   transport load options and selecting optimal transport load option
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20030200111 A1   20031023 US 2002374056   P   20020419 200382 B
                               US 2003418708   A   20030418
WO 200390149   A1   20031030 WO 2003US12346   A   20030418 200382

 35/TI,PY,AZ/9   (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

015648664
   Consumer products advertising method, involves charging user for product
   package , where final price of product package is determined based
   on amount or type of advertisement content selected by user
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20030149618 A1   20030807 US 200260318   A   20020201 200367 B

 35/TI,PY,AZ/10   (Item 3 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

015594821
   Sales processing program code storage medium for use in fast food
   restaurants, stores program code for identifying package including
   complementary products having acceptable sales performance and for
   determining   package   price for products
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 6601036   B1   20030729 US 97822709   A   19970321 200362 B
                               US 97920116   A   19970826
                               US 97947798   A   19971009
                               US 9812163   A   19980122
                               US 9885424   A   19980527
                               US 2000571210   A   20000516

 35/TI,PY,AZ/11   (Item 4 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

015460515
   Visual book preview creating system for advertising book through CD
   catalogue, determines production cost and time according to which
   preview is created along with desired characters
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20030078856 A1   20030424 US 2001318946   P   20010911 200349 B
                               US 2002241552   A   20020911

 35/TI,PY,AZ/12   (Item 5 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

015451950
   Developing tailored content e.g. for providers of television, internet
   etc., which involves analyzing a subscriber attribute in a subscriber
   database
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
WO 200352663   A1   20030626 WO 2002US39444   A   20021210 200348 B

                        EKD   January 2, 2004

35/TI,PY,AZ/13   (Item 6 from file: 350)

015449909
  Postal/private carrier rate determination method for letters,
  involves executing program at remote terminal to compute postal/private
  carrier rate, based on input bar code information indicating weight of
  mail item
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6571223	B1	20030527	US 99428916	A	19991028	200348	B

35/TI,PY,AZ/14   (Item 7 from file: 350)

015384096
  Online mail order system for online shopping, determines selling
  price of goods by predetermined lottery method, if probability variation
  price system is selected
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2003150809	A	20030523	JP 2001345802	A	20011112	200342	B

35/TI,PY,AZ/15   (Item 8 from file: 350)

015368718
  Online auctioning method for multiple similar items, involves determining
  winning bids based on number of items available for auction, and lowest
  winning bid amount is determined as final selling price
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030046216	A1	20030306	US 2001947884	A	20010906	200340	B

35/TI,PY,AZ/16   (Item 9 from file: 350)

015277702
  Server apparatus for mail order system, has merchandise management
  processor which updates and displays price distribution information
  related to each goods, which is stored in database
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2003108797	A	20030411	JP 2000182447	A	20000619	200332	B
			JP 2002231354	A	20000619		

35/TI,PY,AZ/17   (Item 10 from file: 350)

015267014
  Unwanted mail removal method using mail sorter, involves obtaining
  information of physical mailpiece and determining whether physical
  mailpiece is to be delivered to recipient
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6508365	B1	20030121	US 99474908	A	19991228	200331	B

35/TI,PY,AZ/18   (Item 11 from file: 350)

015043340
   Price   determining method for video-on-demand uses advertisement
   package **system**
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
WO 2002102046 A2   20021219 WO 2002US17884 A   20020610 200309 B
US 20020194065 A1   20021219 US 2001879055   A   20010613 200315

 35/TI,PY,AZ/19   (Item 12 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

· 014903325
   **Routing mail pieces in delivery system by determining whether mail
   piece requires urgent delivery and weight to find cost-effective entry
   place**
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
WO 200284564   A1   20021024 WO 2002US11593 A   20020415 200278 B

 35/TI,PY,AZ/20   (Item 13 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

 014889741
   **Online foreign exchange transactions system for banks, transmits warning
   mail to customer from mail server when purchase order price set by
   customer differs from preset value stored in database server**
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 2002251522 A   20020906 JP 200147141   A   20010222 200277 B

 35/TI,PY,AZ/21   (Item 14 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

 014806363
   **Internet-based shipping carrier selection method involves comparing
   shipping information received from user with prestored information and
   displaying selected shipping carrier based on shipping information**
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20020095347 A1   20020718 US 2001761948   A   20010117 200267 B

 35/TI,PY,AZ/22   (Item 15 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

 014792808
   **Agency participation type mail -order collection method in agency
   marketing of goods, involves assigning prospective customer to mail
   -order advertisement agencies**
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 2002215766 A   20020802 JP 2000399063   A   20001227 200266 B

 35/TI,PY,AZ/23   (Item 16 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

 014746234
   Cost   determination **system for one or more shipments for example, box,
   crate, carton, or like has GUI determination device for determining
   presentation format based on at least one of tax and duty information and
   one or more shipments**
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200261537	A2	20020808	WO 2002US2577	A	20020131	200260	B
US 20020116273	A1	20020822	US 2001265337	A	20010201	200262	
			US 200259250	A	20020131		

014711434
   Goods packaging operation support method in retail store, involves
   sticking printed price label on goods that are classified based on
   information read from goods order label stuck to tray
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2002140766	A	20020517	JP 2000332798	A	20001031	200257	B

014707505
   Determining return delivery charges for shipped items by selecting part
   of shipment at random and determining cost factor based on weight
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200248829	A2	20020620	WO 2001US47486	A	20011217	200256	B
AU 200236597	A	20020624	AU 200236597	A	20011217	200267	

014654203
   Mail sorting system involves searching required mail identification
   information in sub-memory, if identification information is not available
   in main memory
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2002102801	A	20020409	JP 2000295233	A	20000927	200251	B

014638697
   Dealing time support system for used car, carries out mail transmission
   of information such as dealing implementation stage to customer side
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2002133160	A	20020510	JP 2000319829	A	20001019	200249	B

014505091
   Currency exchange rate reference network server determines currency
   exchange rate by searching domain name of mail address received from
   user terminal
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2002091853	A	20020329	JP 2000280484	A	20000914	200236	B

014412841
   Network-based combination selling system has sales management server
   which provides offer for purchasing additional goods at discount price,
   when order is received for goods having price more than fixed limit
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2002056231	A	20020220	JP 2001116861	A	20010416	200229	B

 35/TI,PY,AZ/30   (Item 23 from file: 350)

014372076
   Goods package marketing system produces goods selling information based
   on goods supply information from feeder terminal
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2002024588	A	20020125	JP 2000209990	A	20000711	200225	B

 35/TI,PY,AZ/31   (Item 24 from file: 350)

014357017
   Judicial affairs action database system has database with append service
   classification and time information and provides index key so that search
   between two items are instantly performed
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2002024255	A	20020125	JP 2000208762	A	20000710	200223	B

 35/TI,PY,AZ/32   (Item 25 from file: 350)

014259755
   Software package selling method involves setting selling price of
   software components according to their classification in response to
   customization request from purchaser
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2001331231	A	20011130	JP 2000152515	A	20000524	200211	B

 35/TI,PY,AZ/33   (Item 26 from file: 350)

014198595
   E-commerce system for airlines, hotels and rental car company, compiles
   several offering of products from vendors partially or wholly based on
   predetermined criteria, to form product package
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 1148433	A1	20011024	EP 2001108975	A	20010411	200203	B
JP 2001350825	A	20011221	JP 2001117962	A	20010417	200206	

 35/TI,PY,AZ/34   (Item 27 from file: 350)

014197109
   Sorting system for traditional mail includes use of coding grid on
   outside to facilitate automatic sorting
Patent Family:

```
Patent No      Kind  Date       Applicat No     Kind  Date       Week
BE 1013223     A6    20011106   BE 200017       A     20000111   200203   B
```

35/TI,PY,AZ/35   (Item 28 from file: 350)

014169595
  Method for performing direct transaction of agricultural products through mail -order
Patent Family:
```
Patent No      Kind  Date       Applicat No     Kind  Date       Week
KR 2001057996  A     20010705   KR 9961450      A     19991223   200175   B
```

35/TI,PY,AZ/36   (Item 29 from file: 350)

014158591
  Distributed video coding system controls interactive consignment of video coding operation on information read from mail , using video control manager
Patent Family:
```
Patent No      Kind  Date       Applicat No     Kind  Date       Week
JP 2001252624  A     20010918   JP 200071008    A     20000309   200174   B
```

35/TI,PY,AZ/37   (Item 30 from file: 350)

014128158
  Sorting charges computing method for postal applications, involves storing piece count of each of sorted   mailpieces to compute sorting cost based on preset unit price of each mailpiece and stored address information
Patent Family:
```
Patent No      Kind  Date       Applicat No     Kind  Date       Week
EP 1113376     A2    20010704   EP 2000126441   A     20001206   200171   B
CA 2327042     A1    20010628   CA 2327042      A     20001122   200171
```

35/TI,PY,AZ/38   (Item 31 from file: 350)

014018359
  Management and administration method for human resource and employee benefit products for a business using remote computer to provide products on the basis of input company criteria
Patent Family:
```
Patent No       Kind  Date       Applicat No     Kind  Date       Week
WO 200150395    A2    20010712   WO 2001US268    A     20010104   200155   B
AU 200127614    A     20010716   AU 200127614    A     20010104   200169
US 20020022982  A1    20020221   US 2000174480   P     20000104   200221
                                 US 2001755934   A     20010104
```

35/TI,PY,AZ/39   (Item 32 from file: 350)

014017750
  Manually operated mail sorting machine for post offices, stores program with scheme to assign addresses to bins in sorting case, so that addresses are mapped to individual delivery routes assigned to the bin
Patent Family:
```
Patent No      Kind  Date       Applicat No     Kind  Date       Week
US 6259964     B1    20010710   US 9853314      A     19980401   200155   B
```

35/TI,PY,AZ/40   (Item 33 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

013948172
  Data processing system for online borrowing, provides separate facilities
  for investor to disclose his/her borrowing criteria and calculate risk
  assessments correspondingly to decide and select suitable loan .package
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200115047	A1	20010301	WO 2000US23168	A	20000824	200146	B
AU 200075727	A	20010319	AU 200075727	A	20000824	200146	

35/TI,PY,AZ/41   (Item 34 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

013673771
  Pre-certification measuring system of mail piece postal discount
  qualifications in post office, sorts mail piece data and mail piece
  is pre-certified for qualified postal discounts
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6135292	A	20001024	US 98217737	A	19981221	200116	B

35/TI,PY,AZ/42   (Item 35 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

013556467
  Target pricing system for obtaining optimum bid value for goods and
  services, has market response model which computes probability of
  obtaining optimum price value by designating product value as function of
  price
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200052605	A1	20000908	WO 2000US5846	A	20000303	200105	B
AU 200036171	A	20000921	AU 200036171	A	20000303	200105	
EP 1203311	A1	20020508	EP 2000914835	A	20000303	200238	
			WO 2000US5846	A	20000303		
JP 2003525479	W	20030826	JP 2000602958	A	20000303	200357	
			WO 2000US5846	A	20000303		

35/TI,PY,AZ/43   (Item 36 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

013532946
  Arrangement for dimensioning of letters that forms part of a letter
  individual feeding device and has a number of optical sensors for
  determination of length, breadth and thickness dimensions
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 19912807	A1	20000921	DE 1012807	A	19990313	200103	B
CN 1266809	A	20000920	CN 2000104023	A	20000313	200103	
EP 1038813	A2	20000927	EP 2000250052	A	20000221	200103	
US 6364306	B1	20020402	US 2000524233	A	20000313	200226	

35/TI,PY,AZ/44   (Item 37 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

013101375
  Electronic shipping scale determining system for weighing packages and

displaying relevant postage rates for variety of carriers
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 991024	A2	20000405	EP 94307560	A	19941014	200024	B
			EP 99113835	A	19941014		

35/TI,PY,AZ/45   (Item 38 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

012459424
  Electronic postage scale system for determining postage charges
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 911766	A2	19990428	EP 94307560	A	19941014	199923	B
			EP 98204046	A	19941014		

35/TI,PY,AZ/46   (Item 39 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

012452579
  Bar-code printing system for classification of mail in post office -
  makes use of code conversion program for converting address code
  information read from mail into corresponding bar code and prints same
  bar code on mail
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 11076950	A	19990323	JP 97234914	A	19970829	199922	B

35/TI,PY,AZ/47   (Item 40 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

011763795
  Device for determining postage costs for items of post e.g. letters
  or packages - has opening and closing receptacle walls to receive item
  of postage and device to measure distance between walls with item
  inserted between them as indication of thickness of item
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 29721284	U1	19980319	DE 97U2021284	U	19971020	199817	B
EP 840100	A2	19980506	EP 97118495	A	19971024	199822	
DE 19644847	A1	19980430	DE 1044847	A	19961029	199823	
US 5914464	A	19990622	US 97939286	A	19970929	199931	
EP 840100	B1	20021211	EP 97118495	A	19971024	200282	
DE 59708942	G	20030123	DE 508942	A	19971024	200315	
			EP 97118495	A	19971024		

35/TI,PY,AZ/48   (Item 41 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

011722181
  Mail sorting system for postal service - has registration unit, which
  stores ID number corresponding to address data read out by operator or
  OCR in database
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10015498	A	19980120	JP 96170371	A	19960628	199813	B

35/TI,PY,AZ/49   (Item 42 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

011636495

Sorting method for postal items - has automatic address reading system
combined with video coding method used for address information which
cannot be evaluated by address reading system

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 19624977	A1	19980102	DE 1024977	A	19960622	199806	B
WO 9749503	A1	19971231	WO 97EP2167	A	19970426	199807	
CN 1222871	A	19990714	CN 97195717	A	19970426	199946	
EP 975442	A1	20000202	EP 97921794	A	19970426	200011	
			WO 97EP2167	A	19970426		
TW 373152	A	19991101	TW 97108512	A	19970618	200036	
JP 2000512544	W	20000926	WO 97EP2167	A	19970426	200051	
			JP 98502151	A	19970426		
EP 975442	B1	20010919	EP 97921794	A	19970426	200155	
			WO 97EP2167	A	19970426		
DE 59704697	G	20011025	DE 504697	A	19970426	200171	
			EP 97921794	A	19970426		
			WO 97EP2167	A	19970426		

35/TI,PY,AZ/50   (Item 43 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

011262082
Control method of encoding unit used in mail processing system - uses
judgement unit to determine mode of compression and compression rate
to be employed according to output of designation unit

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9075865	A	19970325	JP 95239910	A	19950919	199722	B
JP 3329629	B2	20020930	JP 95239910	A	19950919	200271	

35/TI,PY,AZ/51   (Item 44 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

011043851
Franking system for weighing and franking letters and packets at user's
premises - includes modem link to post office computer where required
rate is determined in response to weight and destination information
for mail item supplied over modem

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
BE 1009168	A6	19961203	BE 95188	A	19950303	199703	B

35/TI,PY,AZ/52   (Item 45 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

010867822
Postal sorting machine classifying mail w.r.t post-man round - has
computer storing, for each letter, mark printed when entering sorting
machine and address provided by camera to track envelope through process

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
FR 2729589	A1	19960726	FR 95925	A	19950123	199637	B

35/TI,PY,AZ/53   (Item 46 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

010834268
Bill settlement system in restaurant - calculates package tariff for
corresp. tray unit which is loaded with table ware carrying magnetic
readable indicia or electrically conductive material

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 8153281	A	19960611	JP 94292567	A	19941128	199633	B

35/TI,PY,AZ/54   (Item 47 from file: 350)

010610204
   Sorting and sequencing system for post office mail items - separates
   sheets needing to be sorted, and transfers them to reading unit to read
   sorting information on sheets, with second transfer unit sorting sheets
   according to sort information
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 697260	A2	19960221	EP 95113025	A	19950818	199612	B
JP 8057429	A	19960305	JP 94195141	A	19940819	199619	
US 5810174	A	19980922	US 95516985	A	19950818	199845	
EP 697260	B1	20020522	EP 95113025	A	19950818	200241	
DE 69526758	E	20020627	DE 626758	A	19950818	200250	
			EP 95113025	A	19950818		

35/TI,PY,AZ/55   (Item 48 from file: 350)

010279212
   Electronic postage scales system incorporating digital circuitry - has
   display with screen for options to determine weight and service of
   package activated by input keys to select valid subsets of options
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 649119	A2	19950419	EP 94307560	A	19941014	199524	B
CA 2117969	A	19950415	CA 2117969	A	19941012	199528	
EP 649119	A3	19950830				199614	
US 5615120	A	19970325	US 93139898	A	19931014	199718	
			US 95478458	A	19950607		
US 5675493	A	19971007	US 93139898	A	19931014	199746	
			US 95478456	A	19950607		
US 5780778	A	19980714	US 93139898	A	19931014	199835	
			US 95485270	A	19950607		
US 5841076	A	19981124	US 93139898	A	19931014	199903	
			US 95479015	A	19950607		
US 5905232	A	19990518	US 93139898	A	19931014	199927	
EP 649119	B1	20000112	EP 94307560	A	19941014	200008	
			EP 98204046	A	19941014		
			EP 98204047	A	19941014		
			EP 98204097	A	19941014		
US 6013878	A	20000111	US 93139898	A	19931014	200010	
			US 95485271	A	19950607		
			US 97895409	A	19970716		
DE 69422580	E	20000217	DE 622580	A	19941014	200016	
			EP 94307560	A	19941014		
US 6153835	A	20001128	US 93139898	A	19931014	200063	
			US 95485269	A	19950607		
US 6462286	B1	20021008	US 93139898	A	19931014	200269	
			US 95479022	A	19950607		

35/TI,PY,AZ/56   (Item 49 from file: 350)

010188107
   Bar-code graphics data insertion and printing system for applying zip
   code to mail piece - receives document contg. street address from word
   processor via data transfer w.r.t. printer interface protocol, and
   generates graphics data for bar-code to be applied

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5387783	A	19950207	US 92876627	A	19920430	199512	B
			US 9356525	A	19930430		

010092594
Point of sale terminal for retail outlet e.g. supermarket - makes package discount w.r.t. commodities purchased at different times by use of coupon which is scanned on later occasion
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 2278479	A	19941130	GB 945311	A	19940317	199445	B
US 5481094	A	19960102	US 94214312	A	19940317	199607	
GB 2278479	B	19970716	GB 945311	A	19940317	199731	
KR 119463	B1	19971029	KR 945479	A	19940318	199948	
JP 3022053	B2	20000315	JP 93126442	A	19930528	200018	

010035549
Automated processing method for dispatch of parcels - sensing   parcel size and receiving dispatch details to determined freight charge and print details on sticker following payment
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9420933	A1	19940915	WO 94EP430	A	19940214	199437	B
NL 9300378	A	19941003	NL 93378	A	19930301	199438	

009823899
Integrated postage stamp dispensing and encoding device - determines national and international postcodes on input of addresses and prints address, origin and postal rate in human readable and machine readable form on postage stamp
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 2271452	A	19940413	GB 9319799	A	19930924	199413	B

009713891
Mail processing system for local and non-local mail - sorts and conveys non-local mail to carrier in sufficient time to be placed on next vehicle without waiting for loading
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 575109	A1	19931222	EP 93304545	A	19930611	199351	B
CA 2097959	A	19931219	CA 2097959	A	19930608	199410	
US 5446667	A	19950829	US 92900397	A	19920618	199540	
EP 575109	B1	19970115	EP 93304545	A	19930611	199708	
DE 69307402	E	19970227	DE 607402	A	19930611	199714	
			EP 93304545	A	19930611		
CA 2097959	C	20010327	CA 2097959	A	19930608	200122	
EP 575109	B2	20030102	EP 93304545	A	19930611	200310	

35/TI,PY,AZ/61   (Item 54 from file: 350)

009683980
   System for processing international priority airmail - separates
   international priority air mail into non-presort and pre- sort   rate
   categories established by regulations of United States postal service
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 5262597   A   19931116 US 92883535   A   19920515 199347 B

35/TI,PY,AZ/62   (Item 55 from file: 350)

009409244
   System for requesting, reporting and verification of mail carrier
   payment - sorts local from non-local mail into trays, weighs and
   communicates destination and weight to post office
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
EP 534636   A1   19930331 EP 92308151   A   19920909 199313 B
CA 2077575   A   19930324 CA 2077575   A   19920904 199323
US 5216620   A   19930601 US 91763787   A   19910923 199323
CA 2077575   C   19950321 CA 2077575   A   19920904 199518
EP 534636   B1   19960710 EP 92308151   A   19920909 199632
DE 69212096   E   19960814 DE 612096   A   19920909 199638
                               EP 92308151   A   19920909

35/TI,PY,AZ/63   (Item 56 from file: 350)

009290417
   Tariff determn. balance for parcels - has weighing platform and unit,
   re-writable memory, calculator, and interface to computer terminal and
   telephone network
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
FR 2675575   A1   19921023 FR 914965   A   19910418 199251 B

35/TI,PY,AZ/64   (Item 57 from file: 350)

009072344
   Carrier management system having auto-rate shopping - has computer that
   responds to auto- rate selection key operation for determining
   shipping charges of least costly carrier or that of sub-group of carriers
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 5117364   A   19920526 US 90487085   A   19900302 199224 B

35/TI,PY,AZ/65   (Item 58 from file: 350)

008315904
   Envelope flap-moistening system for high speed mailing - has servo
   control according to width of flap under control of microcomputer
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
EP 376521   A   19900704 EP 89312844   A   19891208 199027 B
AU 8945652   A .   19900705   199035
CA 2003147   A   19900628   199037

                        EKD   January 2, 2004

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US 5020473    A    19910604  US 88291461    A    19881228  199125
EP 376521     B1   19940316  EP 89312844    A    19891208  199411
DE 68913945   E    19940421  DE 613945      A    19891208  199417
                            EP 89312844    A    19891208
CA 2003147    C    19990907  CA 2003147     A    19891116  200003
```

DIALOG(R)File 350:Derwent WPIX
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015267014   **Image available**
WPI Acc No: 2003-327943/200331
XRPX Acc No: N03-262221
  Unwanted mail **removal method using** mail **sorter, involves obtaining**
  information of physical mailpiece **and determining whether physical**
  mailpiece **is to be delivered to recipient**
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: BECK C A; CACACE-BAILEY M; VITALE A A; WINKELMAN J H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6508365	B1	20030121	US 99474908	A	19991228	200331	B

Priority Applications (No Type Date): US 99474908 A 19991228
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6508365	B1		8	G06F-017/60	

  Unwanted mail **removal method using** mail **sorter, involves obtaining**
  information of physical mailpiece **and determining whether physical**
  mailpiece **is to be delivered to recipient**

Abstract (Basic):
...   Information obtained from the physical **mailpiece** received from
   a **mail** delivery provider, is analyzed to determine whether the **mail**
   has to be delivered to an intended recipient. When delivery is not
   required, the physical **mailpiece** is out-sorted.
...   For removing mails received from bulk mailers, credit card
   companies, catalog companies, from mailstream using **mail** sorter in
   postal service, business, companies etc...

...removing unwanted mails from the mailstream, creates a profile of
   mailers for addresses, decreases mailroom **expenses** by out- **sorting**
   unwanted mails and calculates **costs** associated with unwanted mails...

...The figure shows a flowchart explaining the process of removing unwanted
     mail from the mailstream...
...Title Terms: **MAIL** ;
International Patent Class (Main): **G06F-017/60**

DIALOG(R)File 350:Derwent WPIX
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014017750
WPI Acc No: 2001-501964/200155
Related WPI Acc No: 1999-620058; 2001-482221
XRPX Acc No: N01-372259
  Manually operated mail **sorting machine for post offices, stores program**
  with scheme to assign addresses to bins in sorting case, so that
  addresses are mapped to individual delivery routes assigned to the bin
Patent Assignee: ROBINSON F (ROBI-I)
Inventor: ROBINSON F
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6259964	B1	20010710	US 9853314	A	19980401	200155	B
			US 98198478	A	19981124		

Priority Applications (No Type Date): US 98198478 A 19981124; US 9853314 A
   19980401

Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 6259964   B1   11 G06F-007/00   CIP of application US 9853314
   Manually operated mail **sorting machine for post offices, stores program
   with scheme to assign addresses to bins in...**

Abstract (Basic):
...   A program running in computer system has instructions for
   storing address scanned from the **mail** . An updatable scheme assigns
   addresses to bins in a sorting case, so that the addresses...

...individual delivery routes assigned to the bin. The program has
   instructions to match the scanned **mail** address with the bin whose
   location is specified by an updatable case configuration.
...   An INDEPENDENT CLAIM is also included for **mail** routing method
   ...

...In post offices for sorting different types of mails including letters,
   parcels , bulk **mail** , priority **mail** , business **mail** , foreign **mail**
   , etc...

...memorize scheme knowledge and case configurations. Quickly sorts the
   mails rejected by high-speed automated **sorting** and reduces the **cost**
   associated with **mail** **sorting** .

...Title Terms: **MAIL** ;
...Manual Codes (EPI/S-X): **T01-J05A2**

 35/3,K/41   (Item 34 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013673771   **Image available**
WPI Acc No: 2001-157983/200116
XRPX Acc No: N01-114997
   Pre-certification measuring system of mail **piece postal discount
   qualifications in post office, sorts** mail **piece data and** mail **piece
   is pre-certified for qualified postal discounts**
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: PETTNER G E
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind Date   Applicat No   Kind   Date   Week
US 6135292   A   20001024 US 98217737   A   19981221 200116 B

Priority Applications (No Type Date): US 98217737 A 19981221
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 6135292   A   7 B07C-005/12

   Pre-certification measuring system of mail **piece postal discount
   qualifications in post office, sorts** mail **piece data and** mail **piece
   is pre-certified for qualified postal discounts**

Abstract (Basic):
...   interface (70) enters a set of data indicative of at least one
   postal address and **mail** piece thickness is measured by thickness
   gauge (30). A data processor (20) processes **mail** piece based on
   address data and measured thickness, to produce **mail** piece data. The
   mail piece data are sorted and the **mail** piece is pre-certified for
   qualified postal discounts.
...   sets of data. An output unit (80) is coupled to the data
   processor to output **mail** piece identifier. The **mail** piece data
   includes **mail** piece **classification** , postal **rate** guidelines, **mail**
   piece weight measurement data. The **mail** piece identifier is an

address label, container label and report. The **mail** piece thickness
measurement is digital measurement, whose result is automatically
entered in the processor. INDEPENDENT...

...a) **mail** piece qualification pre-certifying method...

...b) **mail** piece pre-qualification system...

...For pre-certification measuring of **mail** piece postal discount
qualifications in post office...
...Relieves official postal facilities of certain **mail** handling tasks and
enables **mail** pieces to qualify for certain postal discounts. Enables
to accurately determine the thickness of **mail** piece, hence reduces
time and cost associated with correcting the problems associated with
postal service work sharing due to inaccurate **mail** piece thickness
measurement...

...The figure shows the block diagram of **mail** piece qualification
pre-certification measuring system...
...Title Terms: **MAIL** ;
...Manual Codes (EPI/S-X): **T05-C05**

 35/3,K/44   (Item 37 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013101375   **Image available**
WPI Acc No: 2000-273246/200024
Related WPI Acc No: 1995-180468; 1999-265479; 1999-265532; 1999-373058
XRPX Acc No: N00-204796
  Electronic shipping scale determining system for weighing packages **and
  displaying relevant postage rates for variety of carriers**
Patent Assignee: ASCOM HASLER MAILING SYSTEMS INC (ASCO-N)
Inventor: CROWE A A; EMMETT J S; ESKANDARI F; JAPENGA R J; LEHMAN J L;
  PALANGE M F; RAHGO G P; SCHWARTZ R G; SIMCIK M E; SWANBERY R; WEIRSMAN W
  A
Number of Countries: 025 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 991024	A2	20000405	EP 94307560	A	19941014	200024	B
			EP 99113835	A	19941014		

Priority Applications (No Type Date): US 93139898 A 19931014
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 991024	A2	E	33	G07B-017/02	Div ex application EP 94307560
					Div ex patent EP 649119

  Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
  LI LT LU LV MC MK NL PT RO SE SI

  Electronic shipping scale determining system for weighing packages **and
  displaying relevant postage rates for variety of carriers**

Abstract (Basic):
...   For **determining** postage **rates** of multiple carriers...
...Title Terms: **PACKAGE** ;
Manual Codes (EPI/S-X): **T05-C05**

 35/3,K/46   (Item 39 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

012452579   **Image available**
WPI Acc No: 1999-258687/199922

XRPX Acc No: N99-192866
  Bar-code printing system for classification of mail in post office -
  makes use of code conversion program for converting address code
  information read from mail into corresponding bar code and prints same
  bar code on mail
Patent Assignee: TOPPAN MOORE KK (TOPP)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week ·
JP 11076950   A   19990323 JP 97234914   A   19970829   199922   B

Priority Applications (No Type Date): JP 97234914 A 19970829
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 11076950   A   3 B07C-003/18

  Bar-code printing system for classification of mail in post office...

...makes use of code conversion program for converting address code
  information read from mail into corresponding bar code and prints same
  bar code on mail

...Abstract (Basic): system makes use of a code conversion program which
   converts address code information read from mail into corresponding
   bar-code and prints the same on the mail .
      ...

...USE - For use in classification of mail by postal codes in post office
   ...

...ADVANTAGE - The mail provided with bar code can be read easily with
   bar code readers and classified . Reduces installation cost thereby
   achieves inexpensive bar code printing system. DESCRIPTION OF
   DRAWING(S) - The figure depicts explanatory
...Title Terms: MAIL ;
...Manual Codes (EPI/S-X): T05-K02

 35/3,K/48   (Item 41 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

011722181   **Image available**
WPI Acc No: 1998-139091/199813
XRPX Acc No: N98-110734
  Mail sorting system for postal service - has registration unit, which
  stores ID number corresponding to address data read out by operator or
  OCR in database
Patent Assignee: TOSHIBA KK (TOKE)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 10015498   A   19980120 JP 96170371   A   19960628   199813   B

Priority Applications (No Type Date): JP 96170371 A 19960628
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 10015498   A   13 B07C-003/18

  Mail sorting system for postal service...

...Abstract (Basic): object. An ID number generation unit (103) outputs an
   exclusive ID number assigned to the mail .
      ...

...a second bar-code corresponding to the assigned ID number on the cover

of the **mail** . A registration unit registers the assigned ID number
corresponding to address data read out by...

...ADVANTAGE - Enables sort-out **mail** easily by reading-out barcodes.
Enables automatic and easy transfer of **mail** between sending and
receiving ends. Reduces manual **sorting** thereby reducing labour **cost**
.

Title Terms: **MAIL** ;
...Manual Codes (EPI/S-X): **T05-K02**

 35/3,K/49   **(Item 42 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

011636495   **Image available**
WPI Acc No: 1998-053403/199806
XRPX Acc No: N98-042192
  **Sorting method for postal items - has automatic address reading system
  combined with video coding method used for address information which
  cannot be evaluated by address reading system**
Patent Assignee: SIEMENS AG (SIEI); SIEMENS DEMATIC AG (SIEI)
Inventor: HAENSEL K; ROSENBAUM W
Number of Countries: 021 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 19624977	A1	19980102	DE 1024977	A	19960622	199806	B
WO 9749503	A1	19971231	WO 97EP2167	A	19970426	199807	
CN 1222871	A	19990714	CN 97195717	A	19970426	199946	
EP 975442	A1	20000202	EP 97921794	A	19970426	200011	
			WO 97EP2167	A	19970426		
TW 373152	A	19991101	TW 97108512	A	19970618	200036	
JP 2000512544	W	20000926	WO 97EP2167	A	19970426	200051	
			JP 98502151	A	19970426		
EP 975442	B1	20010919	EP 97921794	A	19970426	200155	
			WO 97EP2167	A	19970426		
DE 59704697	G	20011025	DE 504697	A	19970426	200171	
			EP 97921794	A	19970426		
			WO 97EP2167	A	19970426		

Priority Applications (No Type Date): DE 1024977 A 19960622
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19624977	A1		9	G06K-009/48	
WO 9749503	A1	G	20	B07C-003/20	

Designated States (National): CN JP US
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC
NL PT SE

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CN 1222871	A			B07C-003/20	
EP 975442	A1	G		B07C-003/20	Based on patent WO 9749503

Designated States (Regional): BE DE FR

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
TW 373152	A			G06K-009/00	
JP 2000512544	W		21	B07C-003/18	Based on patent WO 9749503
EP 975442	B1	G		B07C-003/20	Based on patent WO 9749503

Designated States (Regional): BE DE FR

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 59704697	G			B07C-003/20	Based on patent EP 975442
					Based on patent WO 9749503

...Abstract (Basic): USE - For automatic **mail** sorting machine...

...ADVANTAGE - High on-line coding **rate** of postal items to be **sorted** ,
with reduced rejection **rate** .

...Manual Codes (EPI/S-X): **T05-K02**

EKD   January 2, 2004

DIALOG(R)File 350:Derwent WPIX

010188107   **Image available**
WPI Acc No: 1995-089360/199512
XRPX Acc No: N95-070633
  **Bar-code graphics data insertion and printing system for applying zip
  code to mail piece - receives document contg. street address from word
  processor via data transfer w.r.t. printer interface protocol, and
  generates graphics data for bar-code to be applied** .
Patent Assignee: POSTALSOFT INC (POST-N)
Inventor: MIHM T S; SCHMIDT D
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5387783	A	19950207	US 92876627	A	19920430	199512 B
			US 9356525	A	19930430	

Priority Applications (No Type Date): US 9356525 A 19930430; US 92876627 A
  19920430
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5387783	A		22	G06F-015/20	CIP of application US 92876627

  **Bar-code graphics data insertion and printing system for applying zip
  code to mail piece...**

...Abstract (Basic): USE/ADVANTAGE - Automated **mail** handling enabling
  rapid **sorting** . Improved speed, accuracy and **cost** effectiveness of
  routing **mail** from source to intended destination. Bar-code graphics
  are easily appended to envelope, mailing sticker...
...Title Terms: **MAIL** ;
...Manual Codes (EPI/S-X): **T05-K02**

DIALOG(R)File 350:Derwent WPIX

009713891   **Image available**
WPI Acc No: 1993-407444/199351
XRPX Acc No: N93-315373
  **Mail processing system for local and non-local mail - sorts and
  conveys non-local mail to carrier in sufficient time to be placed on
  next vehicle without waiting for loading**
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: HUNT W M; OH J H; SANSONE R P
Number of Countries: 005 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 575109	A1	19931222	EP 93304545	A	19930611	199351 B
CA 2097959	A	19931219	CA 2097959	A	19930608	199410
US 5446667	A	19950829	US 92900397	A	19920618	199540
EP 575109	B1	19970115	EP 93304545	A	19930611	199708
DE 69307402	E	19970227	DE 607402	A	19930611	199714
			EP 93304545	A	19930611	
CA 2097959	C	20010327	CA 2097959	A	19930608	200122
EP 575109	B2	20030102	EP 93304545	A	19930611	200310

Priority Applications (No Type Date): US 92900397 A 19920618
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 575109	A1	E	8	B07C-003/00	

    Designated States (Regional): DE FR GB

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2097959	A			B07C-003/12	
US 5446667	A		7	G07B-017/00	

EP 575109   B1 E   11 B07C-003/00
     Designated States (Regional): DE FR GB
DE 69307402   E   B07C-003/00   Based on patent EP 575109
CA 2097959   C   E   B07C-003/12
EP 575109   B2 E   B07C-003/00
     Designated States (Regional): DE FR GB

     Mail **processing system for local and non-local** mail - ...

...**sorts and conveys non-local** mail **to carrier in sufficient time to be
   placed on next vehicle without waiting for loading** .

...Abstract (Basic): A mailer (16) sorts **mail** and separates local and
   non-local **mail** , identifies the destination of the non-local **mail**
   and places it in a tray (20) in accordance with its destination...
...The **mail** destined for each destination is processed in accordance with
   the departure time of a transportation system so that the **mail** will
   be received just-in-time by a common carrier (38...

...The non-local **mail** is then forwarded to the common carrier by the
   mailer and the common carrier delivers the **mail** to a transporter (40)
   destined for a postal distribution centre (44...

...ADVANTAGE - Enables post office to charge mailer without having to
   process non-local **mail** in a local post office...
...Abstract (Equivalent): Apparatus for processing **mail** comprising: (a) a
   processor means (12); (b) means (16) for sorting **mail** and separating
   local **mail** from non-local **mail** ; (c) means (20) for traying the
   non-local **mail** ; and (d) means (30, 33, 36) for delivering **mail**
   trays to a common carrier (38), characterised in that said processor
   means (12) has or contains **mail** lists and time of departure data for
   a transportation system, the apparatus further including means for
   shipping non-local **mail** to the common carrier (38) in accordance with
   the times of departures of the transportation system so as to meet a
   just-in-time sequence for the **mail** .

...Abstract (Equivalent): code, sorting, routing, and time table data, a
   device for determining the routing of the **mail** trays through a
   transportation system, a device for determining the times of departures
   of the transportation system, a device for determining if non local
   mail can be processed in time to meet the critical entry time of the
   postal distribution centre of the **mail** destination...

...The system further incorporates a device for **determining** the **cost** of
   shipping the **mail** and paying the cost of transporting the non local
   mail to the common carrier and a device for delivering non local **mail**
   to a common carrier in accordance with the times of departures of the
   transportation system...

...meet a departure sequence for the common carrier as determined by the
   routing of the **mail** .
      ...

...USE/ADVANTAGE - For preparing **mail** in such way so as to bring faster
   mail delivery. Reduced effort of post office
Title Terms: **MAIL** ;
Manual Codes (EPI/S-X): **T05-K02**

 35/3,K/61   (Item 54 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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009683980   **Image available**
WPI Acc No: 1993-377534/199347
Related WPI Acc No: 1995-365995

                         EKD   January 2, 2004

XRPX Acc No: N93-291475
  **System for processing international priority airmail - separates
  international priority air mail into non-presort and pre- sort   rate
  categories established by regulations of United States postal service**
Patent Assignee: JOHNSON & HAYWARD INC (JOHN-N)
Inventor: JOHNSON J C
Number of Countries: 001   Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 5262597   A   19931116   US 92883535   A   19920515   199347   B

Priority Applications (No Type Date): US 92883535 A 19920515
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 5262597   A   14 G01G-009/00

**...   separates international priority air mail into non-presort and pre-
  sort   rate categories established by regulations of United States
  postal service**

...Abstract (Basic): that break down international priority airmail into
    non-presort and international zones or three pre- **sort   rate** groups
    ...
...Title Terms: **MAIL ;**
...Manual Codes (EPI/S-X): **T05-K02**